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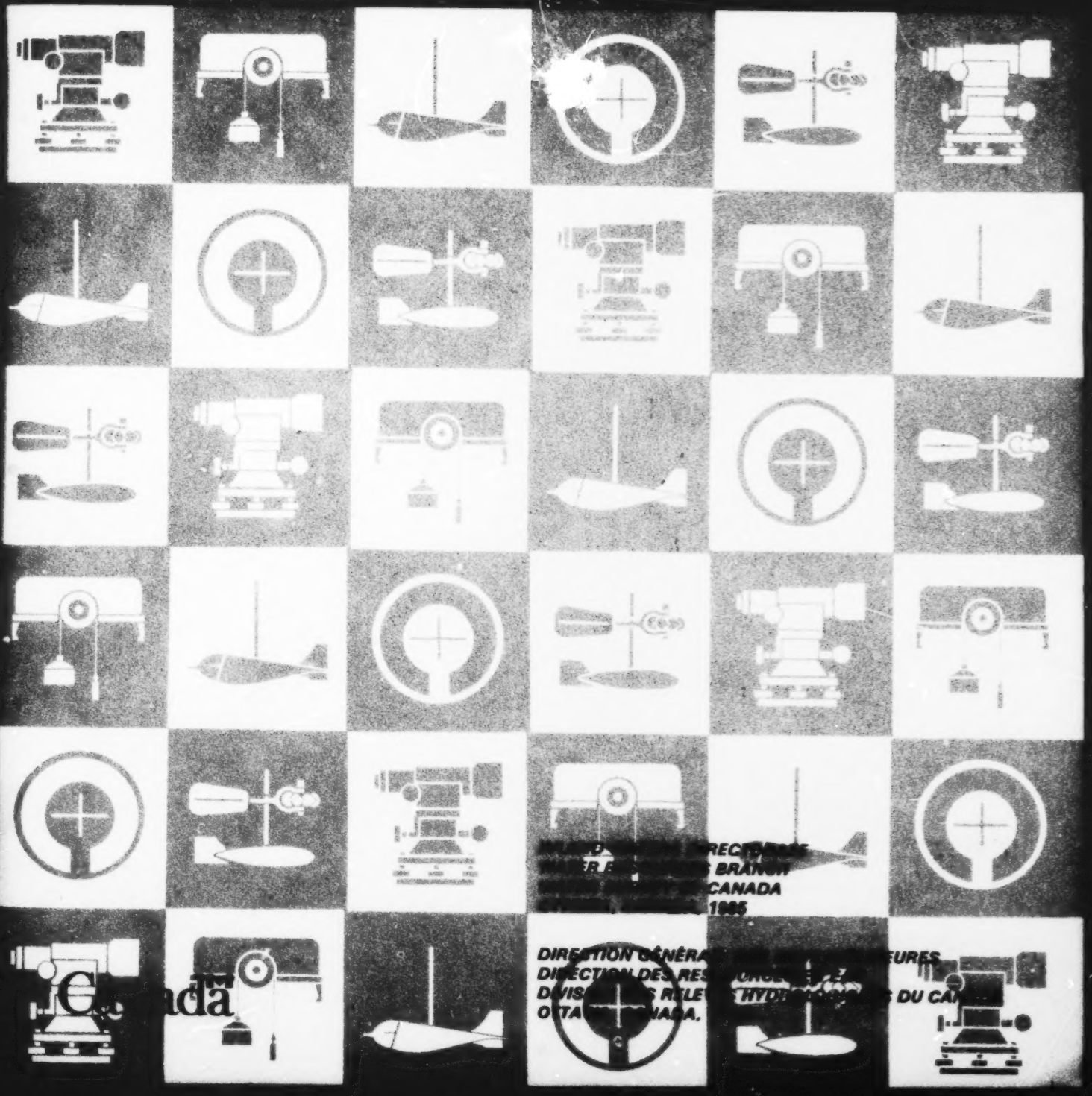
Historical Water Levels Summary

Alberta

Sommaire chronologique des niveaux d'eau

TO/JUSQU'À **1983**



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Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

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Historical Water Levels Summary

Alberta

Sommaire chronologique des niveaux d'eau

TO/JUSQU'À **1983**

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1985

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1985

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Calgary, Alberta.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Calgary (Alberta).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean water levels and annual extremes of water levels for lakes and rivers in Alberta for which water level data to 1983 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Water level data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Bag 2909,
Postal Station 'M',
(Room 854,
220-4th Avenue S.E.,)
Calgary, Alberta.
T2P 2M7

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles des niveaux d'eau et des extrêmes annuels de lacs et de cours d'eau de l'Alberta, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1983 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur les niveaux d'eau sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Sac postal 2909
Succursale postale 'M'
(Pièce 854,
220, Quatrième avenue S.-E.)
Calgary (Alberta)
T2P 2M7

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in Alberta were conducted by the Water Survey of Canada under agreement with the Province of Alberta. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Alberta to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Alberta for the continuance of the hydrometric survey by the Federal Government. Although this agreement was terminated in 1933 work was continued by the Federal Government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Alberta on April 15, 1975. The agreement provides that water quantity surveys will be continued by the Federal Government on a shared cost basis.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Alberta en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de l'Alberta a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord à pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 15 avril 1975, le gouvernement de l'Alberta a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

CO—OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies which have contributed data for publication are identified herein under individual stations.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^3 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^3 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent

the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

EXPLANATION OF HISTORICAL WATER LEVELS SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean water levels. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical water level data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Water Levels Summary publications contain data for both active and discontinued water level stations and do not contain any discharge data. These publications will be published every two years and will contain data for all water level stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic water level data have been obtained, the following are given for the period of record to 1983 inclusive:

1. Summary of monthly and annual mean water levels;
2. Annual maximum instantaneous water levels;
3. Annual maximum and minimum daily water levels;
4. Identification of the extreme recorded for the period of record;
5. Datum to which water levels are referred.

The following standard symbols are used opposite the daily stage to which they apply. These symbols will not appear opposite the monthly and annual mean water levels, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted. This symbol is used during open-water periods only.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DES NIVEAUX D'EAU*

A. Description générale

On trouve les renseignements descriptifs pour une station des relevés des niveaux d'eau, sous l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur les niveau d'eau, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique des niveaux d'eau* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le débit n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés des niveau d'eau pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique des niveaux d'eau, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1983 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Le plan de référence auquel les niveaux d'eau sont reportés.

Les symboles normalisés donnés ci-après sont inscrits à côté des niveaux d'eau quotidiens auxquels ils se rapportent. Les symboles ne sont fournis ni avec les niveaux d'eau moyens mensuels, ni avec les niveaux d'eau moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*. Le symbole n'est employé qu'au cours de périodes d'eau libre.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1980.

1. *The summary of monthly and annual mean water levels* gives:

   (a) the monthly mean in metres for each month for which there is a complete month of daily water levels. Records of daily water levels for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

   (b) the annual mean water level in metres if there are daily water levels for the complete year;

   (c) the mean of all the monthly means;

   (d) the mean of all the annual means.

2. *The annual maximum instantaneous water level* in metres is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily water levels* in metres are given for each year where daily water levels have been obtained for the entire year or where they are considered to be valid for the year even though some daily water levels are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The datum to which the water levels are referred* is shown following both the "Summary of Monthly and Annual Mean Water Levels" table; and the "Annual Extremes of Water Levels" table. If the water levels are referenced to a second datum, this datum is also shown with the conversion factor.

   Occasionally, the water level records at a station are collected for two or more periods for which the water levels cannot be referenced to a common datum. In this case, the datum to which the water levels are referred is shown following each period, and a message is printed at the bottom of the tables, indicating that the water levels are referred to several unrelated datums.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1980.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean water levels) donne:

   (a) la moyenne mensuelle, exprimée en mètres, des valeurs quotidiennes des niveaux d'eau pour le mois entier. Pour les stations où on n'a mesuré les niveaux d'eau quotidiens que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

   (b) la moyenne annuelle, en mètres, pour les stations où on a obtenu des relevés quotidiens pour une année entière;

   (c) la moyenne de toutes les moyennes mensuelles;

   (d) la moyenne de toutes les moyennes annuelles.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous water level), exprimées en mètres, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant les niveaux quotidiens.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily water levels), exprimées en mètres, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière, les valeurs sont fournies si elles sont valables pour l'année en cause.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le plan de référence auquel les niveaux d'eau* sont reportés est fourni à la suite de l'extrait des moyennes mensuelles et annuelles et du tableau des valeurs extrêmes. Si les niveaux d'eau ont trait à un deuxième plan de référence, ce dernier est également indiqué même que la constante de conversion.

   Il arrive que les relevés des niveaux d'eau effectués à une station s'appliquent à plus d'une période d'observation de sorte qu'ils ne peuvent être reportés à un même plan de référence. En pareil cas, le plan de référence auquel les niveaux d'eau sont reportés est fourni pour chacune des périodes d'observation et un message imprimé à la suite des tableaux indique que les niveaux d'eau ont trait à plusieurs plans de référence différents.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980, are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data (water level data) referred to herein depends upon the type of gauge, stability of gauge, accuracy of observation, measurement of reference datum, computation procedures and interpretation of records. Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A and E. In general, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only (especially for small or flashy streams) or those obtained by estimation.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques (données sur le niveau des eaux) dont on parle ici, sont basés sur le type de jauge, la stabilité de la jauge, la précision des observations, la mesure de la donnée de référence, l'évaluation des procédés et l'interprétation des chiffres. À cause de toutes ces variables, on a normalisé, pour des fins d'uniformité de présentation, le nombre de chiffres significatifs, mais ceci ne reflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, s normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A et E. En général, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus exactes que celles qui sont obtenues par estimation ou qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

WATER LEVEL DATA / DONNÉES SUR LES NIVEAUX D'EAU

ATHABASCA RIVER ABOVE FLETCHER CHANNEL - STATION NO. 07DD010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	210.508	---	210.881	211.238	---	---	---	---	1975
1976	---	---	---	---	---	210.107	---	210.880	211.033	---	---	---	---	1976
1977	---	---	---	---	---	---	---	210.837	210.847	---	---	---	---	1977
1978	---	---	---	---	---	---	210.878	210.482	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	210.365	---	---	---	---	1979
1980	---	---	---	---	---	---	---	210.834	210.381	---	---	---	---	1980
1981	---	---	---	---	---	210.337	210.121	210.073	209.340	---	---	---	---	1981
MEAN	---	---	---	---	---	210.317	210.848	210.843	210.497	---	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 27 00 N
LONG 111 04 00 W NATURAL FLOW

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

ATHABASCA RIVER ABOVE FLETCHER CHANNEL - STATION NO. 07DD010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	211.834A ON JUN 8 *	---	1977
1978	---	211.878A ON SEP 25	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ATHABASCA RIVER ABOVE JACKFISH CREEK - STATION NO. 07DD007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	210.295	210.427	209.928	---	---	---	1975
1976	---	---	---	210.362	209.800	209.814	210.445	210.488	210.853	210.134	209.754	---	---	1976
1977	---	---	---	210.184	---	210.063	210.829	210.842	210.403	210.131	209.704	---	---	1977
1978	---	209.868	209.745	210.295	210.400	210.585	210.534	210.177	210.871	210.488	209.788	209.878	---	1978
1979	209.695	209.695	209.678	210.032	---	210.898	211.084	210.526	210.108	209.743	209.518	---	---	1979
1980	---	209.658	209.750	210.015	209.813	---	---	---	---	---	209.477	---	---	1980
1981	209.314	---	209.308	209.895	---	209.881	209.803	209.760	209.186	208.788	208.683	208.755	---	1981
1982	208.894	---	---	---	---	209.895	---	210.187	209.774	209.453	209.008	209.105	---	1982
1983	---	209.152	209.208	209.717	209.357	209.570	210.412	210.292	209.679	209.226	209.190	209.031	---	1983
MEAN	209.288	209.518	209.537	210.083	209.776	210.258	210.518	210.298	210.088	209.734	209.413	209.142	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 25 00 N
LONG 110 55 00 W NATURAL FLOW

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

ATHABASCA RIVER ABOVE JACKFISH CREEK - STATION NO. 07DD007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	211.324 ON JUN 8	---	1977
1978	---	211.373 ON MAY 2	209.485 ON NOV 28	1978
1979	---	211.638 ON MAY 12 *	209.378 ON DEC 12	1979
1980	---	211.043 ON JUN 12	209.848 ON DEC 10	1980
1981	---	---	209.523 ON OCT 28 *	1981
1982	---	211.109 ON JUL 12	---	1982
1983	---	210.942 ON AUG 4	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ATHABASCA RIVER AT MCMURRAY - STATION NO. 07CC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	240.882	240.845	240.784	---	---	---	---	1937
1938	---	---	---	---	240.888	240.878	---	---	---	---	---	---	---	1938
1939	---	---	---	---	---	---	240.823	240.882	240.342	---	---	---	---	1939
1940	---	---	---	---	---	241.108	---	240.883	240.408	240.285	---	---	---	1940
1941	---	---	---	---	---	240.888	240.888	240.574	240.838	---	---	---	---	1941
1942	---	---	---	---	---	241.191	---	240.888	---	---	---	---	---	1942
1943	---	---	---	---	---	---	241.090	240.818	---	240.202	---	---	---	1943
1945	---	---	---	---	---	240.801	---	240.825	240.381	---	---	---	---	1945
1946	---	---	---	---	---	241.141	---	240.845	---	---	---	---	---	1946
1947	---	---	---	---	---	---	240.888	240.813	240.617	---	---	---	---	1947
1948	---	---	---	---	---	241.118	---	241.180	241.005	240.548	---	---	---	1948
1949	---	---	---	---	---	---	240.880	---	---	---	---	---	---	1949
1950	---	---	---	---	---	---	240.835	240.748	240.712	---	---	---	---	1950
1951	---	---	---	---	---	---	241.407	---	---	---	---	---	---	1951
1957	---	---	---	---	---	---	---	240.857	240.574	---	---	---	---	1957
1958	---	---	---	---	---	241.101	---	240.587	240.547	240.488	---	---	---	1958
1959	---	---	---	---	---	241.294	241.104	240.708	240.871	---	---	---	---	1959
MEAN	---	---	---	---	240.888	241.033	241.008	240.715	240.633	240.371	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 44 00 N
LONG 111 22 30 W

DRAINAGE AREA, 99 700 km²
NATURAL FLOW

ATHABASCA RIVER AT SHOTT ISLAND - STATION NO. 07DA004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	222.459	---	---	---	---	---	1959
1964	---	---	---	---	---	223.323	---	---	222.821	---	---	---	---	1964
1965	---	---	---	---	---	223.969	224.884	223.324	223.311	---	---	---	---	1965
MEAN	---	---	---	---	---	223.656	224.884	222.892	223.066	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 57 42 50 N
LONG 111 23 30 W

DRAINAGE AREA, 147 000 km²

DATA CONTRIBUTED BY -
DEPARTMENT OF PUBLIC WORKS (CANADA)

ATHABASCA RIVER NEAR FORT MACKAY - STATION NO. 07DA003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	25.488	---	---	---	---	---	1959
1960	---	---	---	---	---	---	27.431	28.396	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	25.108	---	---	---	---	1961

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM

1963	---	---	---	---	---	231.149	230.745	230.382	230.170	---	---	---	---	1963
1964	---	---	---	---	---	231.177	---	230.934	230.613	---	---	---	---	1964
1965	---	---	---	---	---	231.931	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	231.890	231.303	---	---	---	---	---	---	1966

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 57 11 40 N
LONG 111 38 30 W

DRAINAGE AREA, 142 000 km²
NATURAL FLOW

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

ATHABASCA RIVER NEAR OLD FORT - STATION NO. 07DD011

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	211.393	---	---	213.778	---	---	213.083	212.188	---	---	---	1975
1976	---	211.498	211.446	---	212.185	212.188	213.173	213.107	213.228	---	---	---	---	1976
1977	---	---	211.535	---	213.033	213.808	---	212.945	212.802	212.503	212.480	---	---	1977
1978	211.527	---	---	---	---	213.505	---	---	---	212.555	212.283	212.188	---	1978
1979	211.696	211.462	211.499	212.248	214.597	213.800	213.888	---	---	211.607	212.028	211.812	---	1979
1980	211.447	211.258	211.277	---	---	213.808	213.184	213.118	212.895	212.240	211.878	---	---	1980
1981	---	211.380	211.478	---	212.388	212.538	212.273	---	---	210.927	---	210.881	---	1981
1982	---	---	---	---	---	212.594	---	---	212.088	---	211.882	---	---	1982
1983	---	211.224	211.177	---	---	---	---	212.698	211.528	211.188	212.188	---	---	1983
MEAN	211.557	211.359	211.401	212.248	213.045	213.127	213.127	212.942	212.534	211.978	212.105	211.557	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 22 28 N
LONG 111 31 18 W

DRAINAGE AREA, 155 000 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

ATHABASCA RIVER NEAR OLD FORT - STATION NO. 07DB011

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	215.073 ON JUN 5	---	1977
1978	---	214.570 ON SEP 22	211.351 ON FEB 16	1978
1979	---	215.026 ON MAY 11 *	211.309A ON FEB 14	1979
1980	---	215.838 ON JUN 11	211.193 ON MAR 1 *	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	214.174 ON JUL 28	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAPTISTE LAKE NEAR ATHABASCA - STATION NO. 07BE002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	577.958	577.932	577.838	577.741	577.719	---	---	---	1972
1973	---	---	---	---	---	577.973	578.078	577.998	577.848	577.815	---	---	---	1973
1974	---	---	---	---	---	578.002	578.170	578.250	578.095	577.980	---	---	---	1974
1975	---	---	---	---	---	---	578.188	578.285	---	---	---	---	---	1975
1976	---	---	---	---	---	577.812	577.847	577.840	---	---	---	---	---	1976
1977	---	---	---	---	---	---	578.187	578.185	578.082	---	---	---	---	1977
1978	---	---	---	---	---	578.108	578.081	578.114	578.508	578.531	---	---	---	1978
1979	---	---	---	---	---	578.208	---	578.182	577.907	577.808	---	---	---	1979
1980	---	---	---	---	577.84,	577.817	577.894	577.737	577.788	577.787	---	---	---	1980
1981	---	---	---	---	577.784	577.828	577.895	577.848	577.813	577.760	---	---	---	1981
1982	---	---	---	---	577.888	577.831	577.830	578.058	577.980	577.832	---	---	---	1982
1983	---	---	---	---	577.823	577.857	578.518	578.533	578.074	577.955	---	---	---	1983
MEAN	---	---	---	---	577.812	577.918	578.044	578.081	577.993	577.931	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 44 14 N
LONG 113 31 51 W

DRAINAGE AREA, 303 km²

BAPTISTE LAKE NEAR ATHABASCA - STATION NO. 07BE002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	578.404 ON SEP 7	---	1975
1976	---	578.010 ON APR 28	577.787 ON JUN 19 *	1976
1977	---	578.273 ON JUL 22	---	1977
1978	---	578.842 ON SEP 22	---	1978
1979	---	578.549 ON JUL 19	---	1979
1980	---	---	---	1980
1981	---	578.023 ON JUL 30	---	1981
1982	---	---	---	1982
1983	---	578.862 ON JUL 31 *	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BARIL LAKE AT CENTRE OF LAKE - STATION NO. 07KF005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	209.282	209.284	209.240	---	---	---	---	1971
MEAN	---	---	---	---	---	---	209.282	209.284	209.240	---	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 47 00 N
LONG 111 41 00 W

REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

BARRIER LAKE NEAR SEEBE - STATION NO. 05BF024

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	1375.87	1375.84	1375.84	1370.74	1366.65	1372.33	1375.24	1375.44	1375.33	1375.31	1375.27	1375.23	1374.08	1970
1971	1375.38	1375.81	1375.80	1370.82	1366.37	1372.02	1375.18	1375.30	1375.24	1375.32	1375.33	1375.85	1373.97	1971
1972	1375.86	1375.71	1375.84	1371.00	1365.91	1372.90	1374.93	1375.33	1375.34	1375.24	1375.27	1375.38	1374.04	1972
1973	1375.03	1375.07	1375.33	1370.85	1367.45	1371.83	1374.82	1375.43	1375.42	1375.40	1375.46	1375.71	1373.89	1973
1974	1375.71	1375.84	1375.74	1370.82	1366.69	1371.53	1373.88	1375.41	1375.28	1375.29	1375.32	1375.80	1373.91	1974
1975	1375.74	1375.86	1375.85	1372.48	1368.14	1370.82	1374.97	1375.38	1375.35	1375.38	1374.93	1375.39	1374.27	1975
1976	1375.81	1375.72	1375.63	1372.35	1368.58	1371.32	1373.84	1375.27	1375.23	1375.26	1375.23	1375.42	1374.12	1976
1977	1375.48	1375.70	1375.22	1374.28	1373.41	1373.80	1373.94	1374.55	1374.41	1375.01	1375.18	1375.77	1374.73	1977
1978	1375.80	1375.71	1375.53	1375.18	1370.67	1372.18	1373.81	1375.22	1375.38	1375.32	1375.38	1375.85	1374.85	1978
1979	1375.70	1375.86	1375.78	1374.78	1371.18	1370.89	1374.27	1374.57	1374.01	1375.17	1375.15	1375.78	1374.42	1979
1980	1375.74	1375.78	1375.58	1374.84	1374.93	1374.20	1374.07	1374.84	1375.35	1375.33	1374.88	1375.70	1375.10	1980
1981	1375.83	1375.80	1375.90	1374.62	1372.24	1372.34	1373.84	1374.85	1375.13	1375.18	1375.28	1375.05	1374.84	1981
1982	1375.78	1375.69	1375.62	1374.38	1369.14	1371.58	1372.01	1373.70	1374.13	1375.34	1375.23	1375.60	1374.04	1982
1983	1375.84	1375.72	1375.63	1375.85	1372.60	1371.89	1373.28	1374.81	1374.87	1375.11	1375.17	1375.72	1374.85	1983
MEAN	1375.64	1375.71	1375.67	1373.09	1368.55	1372.12	1374.13	1375.03	1375.04	1375.26	1375.23	1375.57	1374.33	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 01 59 N
LONG 115 02 29 W

DRAINAGE AREA, 895 km²
REGULATED

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

BARRIER LAKE NEAR SEEBE - STATION NO. 05BF024

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	1376.14 ON JAN 25	1365.11 ON MAY 8 *	1970
1971	---	1376.14 ON FEB 12	1365.44 ON MAY 7	1971
1972	---	1376.17 ON DEC 8 *	1365.47 ON MAY 10	1972
1973	---	1375.88 ON DEC 1	1365.28 ON APR 30	1973
1974	---	1375.89 ON FEB 2	1365.35 ON MAY 17	1974
1975	---	1375.89 ON JAN 31	1366.75 ON MAY 19	1975
1976	---	1375.83 ON FEB 23	1367.15 ON MAY 9	1976
1977	---	1376.02 ON DEC 12	1372.03 ON MAY 9	1977
1978	---	1376.11 ON FEB 4	1365.16 ON MAY 7	1978
1979	---	1376.08 ON FEB 24	1369.16 ON MAY 21	1979
1980	---	1376.11 ON DEC 24	1373.40 ON JUN 27	1980
1981	---	1376.05 ON MAR 1	1370.87 ON MAY 15	1981
1982	---	1376.05 ON JAN 16	1367.58 ON MAY 9	1982
1983	---	1376.05 ON FEB 28	1371.17 ON MAY 19	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR LAKE NEAR CLAIRMONT - STATION NO. 07GE004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	28.908	28.831	28.498	28.892	29.028	---	---	---	---	1976
1977	---	---	---	---	---	28.095	28.788	28.504	28.277	---	---	---	---	1977
1978	---	---	---	---	28.371	28.183	28.028	27.930	27.928	27.912	---	---	---	1978
1979	---	---	---	---	28.787	28.858	28.433	28.201	28.065	28.017	---	---	---	1979
1980	---	---	---	---	28.082	28.033	27.988	27.904	27.904	27.884	---	---	---	1980
1981	---	---	---	---	28.984	28.743	28.371	28.135	28.030	27.983	---	---	---	1981
MEAN	---	---	---	---	28.622	28.559	28.347	28.228	28.205	27.952	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 55 18 10 N
LONG 118 58 30 W

DRAINAGE AREA, 1 190 km²

BEAR LAKE NEAR CLAIRMONT - STATION NO. 07GE004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	28.459 ON MAY 2 *	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER LAKE AT RANGER STATION - STATION NO. 08AA003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	1.971	---	1.859	---	---	---	---	1972
1973	---	---	---	---	---	1.947	1.990	2.000	1.858	1.842	---	---	---	1973
1974	---	---	---	---	---	---	2.184	2.108	2.047	1.854	---	---	---	1974
1975	---	---	---	---	---	---	2.222	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	2.080	2.017	---	---	---	1976
1978	---	---	---	---	---	2.015	1.980	1.826	1.871	1.887	---	---	---	1978
1979	---	---	---	---	2.182	2.188	2.173	---	---	---	---	---	---	1979
1980	---	---	---	---	1.995	1.960	1.931	1.848	1.927	1.878	---	---	---	1980
1981	---	---	---	---	1.901	1.887	1.852	1.787	1.888	1.817	---	---	---	1981
1982	---	---	---	---	---	1.895	---	1.848	1.888	1.877	---	---	---	1982
1983	---	---	---	---	---	1.912	---	---	---	---	---	---	---	1983
MEAN	---	---	---	---	2.018	1.885	2.037	1.900	1.890	1.857	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 54 45 40 N
LONG 111 54 05 W

DRAINAGE AREA, 331 km²
NATURAL FLOW

BEAVER LAKE AT RANGER STATION - STATION NO. 08AA003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1978	---	2.045 ON SEP 25	---	1978
1979	---	2.200 ON JUN 7 *	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVERHILL LAKE NEAR MUNDARE - STATION NO. 05EB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	28.548	---	---	---	---	---	---	---	---	1919
1920	---	---	---	---	28.339	---	---	---	---	---	---	---	---	1920
1921	---	---	---	28.298	---	---	---	---	---	---	---	---	---	1921
MEAN	---	---	---	28.298	28.443	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 53 33 00 N
LONG 112 30 00 W

DRAINAGE AREA, 2 070 km²

BERRY CREEK RESERVOIR NEAR SUNNYNOOK - STATION NO. 05CH014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	23.984	23.808	23.671	23.598	---	---	---	1983
MEAN	---	---	---	---	---	---	23.984	23.808	23.671	23.598	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 15 44 N
LONG 111 38 22 W

REGULATED

BERRY CREEK RESERVOIR NEAR SUNNYNOOK - STATION NO. 05CH014

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	24.013 AT 1510 MST ON JUL 9 *	24.010 ON JUL 9 *	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIGELOW RESERVOIR NEAR WINBORNE - STATION NO. 05CE901

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	882.183	881.932	881.686	881.405	---	---	---	---	1979
1980	---	---	---	---	881.829	881.792	881.528	881.754	881.606	881.478	---	---	---	1980
1981	---	---	---	882.290	882.333	882.222	882.048	881.998	881.777	---	---	---	---	1981
1982	---	---	---	---	---	---	882.247	882.075	881.853	---	---	---	---	1982
1983	---	---	---	882.258	882.258	882.146	882.132	881.997	881.726	881.577	---	---	---	1983
MEAN	---	---	---	882.274	882.140	882.081	882.037	881.898	881.673	881.528	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 53 15 N
LONG 113 27 50 W

DRAINAGE AREA, 413 km²
REGULATED

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

BIGELOW RESERVOIR NEAR WINBORNE - STATION NO. 05CE901

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	---	---	1979
1980	881.900 AT 0118 MST ON APR 25	881.897 ON APR 25	---	1980
1981	882.521 AT 0348 MST ON MAY 9 *	882.518 ON MAY 9 *	---	1981
1982	---	---	---	1982
1983	882.333 AT 1004 MST ON APR 28	882.329 ON APR 28	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRAZEAU RESERVOIR - STATION NO. 05DD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	928.90	---	---	---	1961
1962	---	---	---	---	---	---	---	---	952.61	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	948.85	954.24	955.21	952.16	---	1963
1964	948.26	942.66	934.54	913.80	911.14	920.59	931.24	950.16	957.73	963.48	963.95	961.67	941.61	1964
1965	960.68	958.97	952.27	946.16	948.62	952.77	952.01	955.47	952.78	964.40	963.80	962.30	956.69	1965
1966	958.38	953.59	949.01	945.94	948.31	951.64	955.35	957.22	962.66	964.38	963.72	961.82	956.02	1966
1967	959.01	954.51	949.30	945.85	945.87	949.50	949.08	956.48	960.28	962.10	962.40	960.08	954.53	1967
1968	955.94	949.23	938.42	914.47	908.04	918.79	950.84	960.90	962.66	964.26	963.93	961.97	945.62	1968
1969	957.56	953.12	949.32	945.91	946.69	948.71	956.64	959.59	961.50	962.87	964.06	961.78	955.67	1969
1970	957.82	954.42	949.71	947.83	949.17	955.41	956.73	958.80	961.46	962.61	962.06	957.92	956.33	1970
1971	954.57	952.46	950.21	948.65	955.65	963.05	964.80	964.19	965.62	966.09	965.22	962.82	959.60	1971
1972	959.66	956.04	951.92	948.25	952.17	951.85	955.30	964.94	965.39	964.79	963.45	961.37	959.60	1972
1973	959.50	956.74	953.11	951.14	952.57	958.07	962.20	963.31	964.56	965.31	963.48	961.19	959.28	1973
1974	959.74	956.66	955.18	954.36	957.22	961.52	964.39	964.98	965.85	965.46	965.49	963.89	961.23	1974
1975	961.20	957.73	957.62	955.82	956.78	956.67	962.07	964.58	964.43	965.25	965.39	962.66	960.92	1975
1976	959.66	957.62	956.46	955.03	955.78	954.66	956.46	964.14	964.83	964.41	964.03	962.67	959.83	1976
1977	960.30	958.04	957.89	957.88	961.08	964.34	965.01	965.18	965.47	965.66	964.70	962.89	962.38	1977
1978	960.33	957.62	956.60	957.00	960.38	962.49	963.04	964.30	965.16	965.75	964.81	962.45	961.88	1978
1979	958.57	956.14	955.25	954.63	954.42	958.36	961.53	962.25	963.12	963.80	963.89	962.77	959.66	1979
1980	960.38	958.23	954.03	950.21	953.68	961.71	962.07	963.10	964.86	965.73	964.61	962.18	960.08	1980
1981	960.20	958.27	954.12	953.42	955.34	959.47	962.78	964.03	964.66	965.94	965.35	963.88	960.84	1981
1982	960.73	956.22	954.75	952.61	955.54	959.28	962.61	963.71	965.38	965.94	965.54	964.08	960.65	1982
1983	961.10	957.28	955.61	954.90	955.53	959.57	962.65	964.01	964.92	965.44	965.34	963.80	960.67	1983
MEAN	958.70	955.27	951.72	947.75	949.20	953.92	958.55	961.57	962.51	962.58	963.63	961.70	957.88	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 58 14 N
LONG 115 34 49 W

DRAINAGE AREA, 5 500 km²
REGULATED

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

BRAZEAU RESERVOIR - STATION NO. 05DD005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL		MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---		---	---	1981
1982	---		---	---	1982
1983	---		955.89 ON NOV 12	908.03E ON APR 7 *	1983
1984	---		954.78 ON NOV 8	908.79 ON APR 21	1984
1985	---		954.58 ON SEP 28	944.89 ON APR 23	1985
1986	---		954.49 ON NOV 1	945.10 ON APR 19	1986
1987	---		952.89 ON OCT 30	944.95 ON MAY 14	1987
1988	---		954.52 ON OCT 12	908.79 ON APR 18	1988
1989	---		954.58 ON NOV 10	945.56 ON APR 21	1989
1970	---		952.88 ON OCT 20	947.21 ON APR 29	1970
1971	---		956.28 ON SEP 30 *	947.54 ON APR 14	1971
1972	---		955.89 ON OCT 1	947.88 ON APR 12	1972
1973	---		955.46 ON OCT 4	950.26 ON APR 17	1973
1974	---		955.74 ON NOV 9	953.81 ON APR 8	1974
1975	---		955.77 ON NOV 2	955.01 ON MAY 2	1975
1976	---		955.28 ON AUG 30	954.18 ON JUN 11	1976
1977	---		955.83 ON OCT 4	957.05 ON APR 28	1977
1978	---		956.13 ON OCT 17	956.47 ON MAR 24	1978
1979	---		954.27 ON NOV 1	953.81 ON MAY 16	1979
1980	---		955.81 ON OCT 8	949.80 ON APR 13	1980
1981	955.06	ON OCT 20 *	956.08 ON OCT 20	953.23 ON MAR 27	1981
1982	---		956.03 ON OCT 4	953.08 ON APR 21	1982
1983	---		955.81 ON NOV 1	954.84 ON MAY 4	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BUFFALO LAKE NEAR ERSKINE - STATION NO. 05CD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	780.136	780.213	780.288	780.283	780.257	---	---	---	1973
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
MEAN	---	---	---	---	---	780.136	780.213	780 288	780.283	780.257	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 27 53 N DRAINAGE AREA, 1 550 km²
LONG 112 52 57 W

BUFFALO LAKE NEAR ERSKINE - STATION NO. 05CD005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	780.148 ON JUN 27	---	1972
1973	---	---	---	1973
1975	---	781.205 ON MAY 28 *	---	1975
1978	---	780.502 ON MAY 17	---	1978
1979	---	780.599 ON JUN 5	---	1979

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CALLING LAKE AT RANGER STATION - STATION NO. 07CB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	594.080	594.135	594.200	594.175	594.025	593.918	---	---	---	1972
1973	---	---	---	---	594.085	594.333	594.470	594.382	594.281	594.191	---	---	---	1973
1974	---	---	---	---	594.533	594.520	594.488	594.453	594.286	594.177	---	---	---	1974
1975	---	---	---	---	594.087	594.158	594.440	594.438	594.472	---	---	---	---	1975
1976	---	---	---	---	593.976	593.969	594.102	594.130	594.147	594.091	---	---	---	1976
1977	---	---	---	---	594.058	594.173	594.176	594.188	594.098	594.038	---	---	---	1977
1978	---	---	---	---	594.084	594.288	594.209	594.108	594.191	594.210	---	---	---	1978
1979	---	---	---	---	594.110	594.238	594.325	594.275	594.114	593.981	---	---	---	1979
1980	---	---	---	---	593.900	593.880	593.883	593.913	593.952	593.954	---	---	---	1980
1981	---	---	---	---	593.959	593.973	594.012	593.988	593.843	593.780	---	---	---	1981
1982	---	---	---	---	593.878	593.920	593.851	593.998	593.939	593.894	---	---	---	1982
1983	---	---	---	---	593.886	593.912	594.098	---	---	594.188	---	---	---	1983
MEAN	---	---	---	---	594.051	594.123	594.195	594.185	594.121	594.031	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 13 35 N DRAINAGE AREA, 1 220 km²
LONG 113 12 05 W NATURAL FLOW

CALLING LAKE AT RANGER STATION - STATION NO. 07CB001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	894.803 ON SEP 11 *	---	1975
1976	---	894.189 ON JUL 28	893.939 ON MAY 31 *	1976
1977	---	894.236 ON AUG 3	---	1977
1978	---	894.333 ON JUN 8	---	1978
1979	---	894.357 ON JUL 21	---	1979
1980	---	---	---	1980
1981	---	894.025 ON JUL 11	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAVAN LAKE NEAR DUNMORE - STATION NO. 05AH048

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	808.883	808.174	807.849	807.753	---	---	---	1983
MEAN	---	---	---	---	---	---	808.883	808.174	807.849	807.753	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 56 36 N
LONG 110 23 58 W REGULATED

CAVAN LAKE NEAR DUNMORE - STATION NO. 05AH048

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	809.075 ON JUL 7 *	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHAIN LAKES RESERVOIR NEAR HANTON - STATION NO. 05AB037

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1978	---	---	---	---	1.872	1.548	1.448	1.438	1.382	---	---	---	---	1978
1980	---	---	---	---	1.290	1.583	1.423	1.377	1.410	1.427	---	---	---	1980
1981	---	---	---	---	1.564	1.668	1.534	1.476	1.373	1.288	---	---	---	1981
1982	---	---	---	---	---	---	1.448	1.303	1.188	1.202	---	---	---	1982
1983	---	---	---	---	---	1.481	1.433	1.258	0.987	0.812	---	---	---	1983
MEAN	---	---	---	---	1.502	1.570	1.457	1.370	1.284	1.182	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 1295.618 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 11 37 N DRAINAGE AREA, 187 km²
LONG 114 11 55 W REGULATED

CHAIN LAKES RESERVOIR NEAR HANTON - STATION NO. 05AB037

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	2.232 ON JUN 21 *	1.381 ON OCT 4 *	1975
1976	---	1.921 ON AUG 6	---	1976
1978	---	1.732 ON MAY 17	---	1978
1980	1.726R AT 1320 MST ON JUN 4	1.722 ON JUN 4	---	1980
1981	2.112R AT 0330 MST ON MAY 22 *	2.108 ON MAY 22	---	1981
1982	1.587 AT 1700 MST ON JUN 13	1.582 ON JUN 13	---	1982
1983	1.539 AT 1722 MST ON JUN 6	1.534 ON JUN 6	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 1295.618 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

CHENAL DES QUATRE FOURCHES ABOVE PEACE RIVER - STATION NO. 07KF004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	210.783	---	---	---	---	---	---	1980
1971	---	---	---	---	---	---	---	207.908	207.414	---	---	---	---	1971
MEAN	---	---	---	---	---	---	210.783	207.908	207.414	---	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 52 40 N
LONG 111 38 10 W REGULATED SINCE 1967

CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES - STATION NO. 07KF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	210.320	---	---	---	---	---	---	1980
1971	---	---	---	---	---	---	209.075	208.931	208.480	---	---	---	---	1971
1975	---	---	---	---	---	209.977	---	209.137	209.128	---	---	---	---	1975
1976	---	---	---	---	---	209.139	---	---	208.436	---	---	---	---	1976
1977	---	---	---	---	---	209.569	---	---	209.576	---	---	---	---	1977
1978	---	---	---	---	---	---	209.274	209.219	209.184	---	---	---	---	1978
1979	---	---	---	---	---	---	209.859	209.648	209.365	---	---	---	---	1979
1980	---	---	---	---	---	208.583	208.639	208.581	208.564	---	---	---	---	1980
1981	---	---	---	---	---	208.819	208.686	208.557	208.269	---	---	---	---	1981
1982	---	---	---	---	---	---	---	208.943	208.797	---	---	---	---	1982
1983	---	---	---	---	---	208.537	208.986	---	---	---	---	---	---	1983
MEAN	---	---	---	---	---	208.831	209.288	208.902	208.980	---	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 38 50 N
LONG 111 17 20 W REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES - STATION NO. 07KF001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	---	---	1980
1971	---	---	---	1971
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	209.373 ON AUG 11 *	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHIP LAKE AT OUTLET TO LOBSTICK RIVER - STATION NO. 07SB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	788.933	788.825	788.425	788.338	---	---	---	1972
1973	---	---	---	---	788.828	788.470	788.374	---	788.290	788.288	---	---	---	1973
1974	---	---	---	---	---	788.867	788.823	788.678	---	788.335	---	---	---	1974
1975	---	---	---	---	788.337	788.355	788.502	788.378	788.351	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	788.536	789.041	788.858	788.613	788.838	788.828	---	---	---	1977
1978	---	---	---	---	788.382	788.523	788.563	788.524	788.826	788.848	---	---	---	1978
1979	---	---	---	---	788.513	788.580	788.885	788.831	788.635	788.472	---	---	---	1979
1980	---	---	---	---	788.385	789.008	789.248	789.055	788.848	788.875	---	---	---	1980
1981	---	---	---	---	788.219	788.588	788.488	788.388	788.287	788.200	---	---	---	1981
1982	---	---	---	---	788.348	788.238	788.748	788.723	788.578	788.432	---	---	---	1982
MEAN	---	---	---	---	788.407	788.628	788.738	788.585	788.538	788.485	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 63 38 54 N
LONG 118 15 33 W

DRAINAGE AREA, 1 210 km²
NATURAL FLOW

CHIP LAKE AT OUTLET TO LOBSTICK RIVER - STATION NO. 07BB003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	786.583 ON JUL 5	---	1975
1976	---	786.536 ON SEP 5	786.078 ON JUN 29 *	1976
1977	---	786.194 ON JUN 4	---	1977
1978	---	786.737 ON SEP 15	---	1978
1979	---	786.997 ON JUL 31	---	1979
1980	---	786.338 ON JUN 30 *	---	1980
1981	---	786.649 ON JUN 15	---	1981
1982	---	786.997 ON JUL 23	---	1982

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLEAR LAKE NEAR STAVELY - STATION NO. 05AC032

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	3.938	---	---	---	1983
MEAN	---	---	---	---	---	---	---	---	---	3.938	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 50 08 11 N
LONG 113 24 47 W NATURAL FLOW

CLEARWATER RIVER AT UPPER WINGDAM - STATION NO. 07CD003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	242.258	---	---	---	---	---	1980
1981	---	---	---	---	---	241.300	241.332	240.850	---	---	---	---	---	1981
1984	---	---	---	---	---	241.415	---	---	---	240.981	---	---	---	1984
1985	---	---	---	---	---	---	---	241.391	241.978	---	---	---	---	1985
1986	---	---	---	---	---	---	241.894	241.846	---	---	---	---	---	1986
1988	---	---	---	---	241.111	---	241.015	240.762	241.043	241.383	---	---	---	1988
1989	---	---	---	---	241.773	241.269	240.777	240.790	241.038	---	---	---	---	1989
1970	---	---	---	---	---	241.857	242.848	241.848	241.747	241.814	---	---	---	1970
1971	---	---	---	---	241.630	241.328	242.093	241.122	240.808	---	---	---	---	1971
1972	---	---	---	---	---	241.431	241.128	240.728	240.585	---	---	---	---	1972
MEAN	---	---	---	---	241.605	241.403	241.526	241.234	241.133	241.293	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 56 42 00 N DRAINAGE AREA, 30 600 km²
LONG 111 20 00 W NATURAL FLOW

CLEARWATER RIVER BELOW WATERWAYS - STATION NO. 07CD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	242.385	241.200	241.005	240.784	---	---	---	---	---	1951
1952	---	---	---	---	---	---	241.175	240.752	240.589	---	---	---	---	1952
1953	---	---	---	---	240.880	241.009	240.920	240.958	240.995	---	---	---	---	1953
1954	---	---	---	---	---	---	241.490	241.290	---	---	---	---	---	1954
1955	---	---	---	---	---	241.469	241.489	241.078	240.859	240.931	---	---	---	1955
1957	---	---	---	---	241.314	240.918	---	---	---	---	---	---	---	1957
1958	---	---	---	---	241.358	240.947	---	240.470	240.528	---	---	---	---	1958
1959	---	---	---	---	---	241.188	240.933	240.800	241.058	---	---	---	---	1959
1960	---	---	---	---	241.418	241.685	241.750	241.509	241.708	---	---	---	---	1960
1961	---	---	---	---	241.418	240.971	241.003	240.820	240.337	---	---	---	---	1961
1962	---	---	---	---	---	241.993	241.853	241.059	240.613	---	---	---	---	1962
1963	---	---	---	---	241.480	241.003	240.889	240.548	240.537	240.421	---	---	---	1963
1966	---	---	---	---	241.480	241.332	240.939	---	240.837	---	---	---	---	1966
1967	---	---	---	---	---	---	240.756	240.858	---	---	---	---	---	1967
1968	---	---	---	---	240.596	---	240.824	240.615	240.538	---	---	---	---	1968
1969	---	---	---	---	---	240.772	240.448	240.536	240.577	---	---	---	---	1969
1970	---	---	---	---	241.084	241.034	241.855	240.982	241.078	---	---	---	---	1970
1971	---	---	---	---	241.057	240.998	241.720	240.732	240.433	---	---	---	---	1971
1972	---	---	---	---	---	241.128	240.887	240.493	240.273	---	---	---	---	1972
1973	---	---	---	---	240.879	241.483	241.106	241.486	241.134	---	---	---	---	1973
1974	---	---	---	---	---	241.537	241.470	241.113	240.953	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
MEAN	---	---	---	---	241.273	241.213	241.163	240.848	240.778	240.878	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 56 43 10 N DRAINAGE AREA, 31 900 km²
LONG 111 20 50 W

CLEARWATER RIVER BELOW WATERWAYS - STATION NO. 07CD002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	241.548 ON JUL 2 *	---	1975

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COAL LAKE RESERVOIR NEAR WETASKIWIN - STATION NO. 05FA016

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	702.317	702.344	702.420	702.475	---	1973
1974	702.493	702.477	---	---	---	702.977	703.075	702.898	702.811	702.703	702.682	702.549	---	1974
1975	702.886	---	---	---	---	---	---	---	702.892	---	702.808	702.804	---	1975
1976	---	---	---	702.799	702.833	703.779	702.704	702.670	---	702.228	702.088	702.084	---	1976
1977	702.082	702.082	702.076	702.081	702.154	---	702.130	702.114	702.084	702.056	---	---	---	1977
1978	703.059	---	---	702.288	702.307	702.287	702.238	702.185	702.332	702.542	702.802	---	---	1978
1979	---	---	---	703.041	703.002	702.883	702.908	702.839	702.782	702.737	702.708	702.741	---	1979
1980	702.747	702.748	702.783	703.084	702.909	702.893	702.822	702.930	703.045	702.980	702.911	702.881	702.901	1980
1981	702.851	702.829	702.880	702.989	702.908	702.883	702.836	702.881	702.817	702.788	702.731	702.731	702.854	1981
1982	702.768	702.795	702.788	---	---	---	---	---	702.851	702.830	702.747	702.647	---	1982
1983	702.858	702.869	702.810	703.040	702.907	---	703.175	702.885	702.788	702.748	702.740	---	---	1983
MEAN	702.829	702.585	702.841	702.760	702.717	702.782	702.747	702.670	702.853	702.591	702.823	702.803	702.878	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 00 07 N DRAINAGE AREA, 1 240 km²
LONG 113 13 09 W REGULATED SINCE 1973

COAL LAKE RESERVOIR NEAR WETASKIWIN - STATION NO. 05FA016

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	702.988 AT 0610 MST ON MAY 11	702.898 ON MAY 11	702.087 ON NOV 22 *	1976
1977	---	702.253 ON JUN 3	---	1977
1978	---	702.828 ON DEC 18	---	1978
1979	703.183 AT 1240 MST ON APR 26	703.159 ON APR 26	---	1979
1980	703.288 AT 2300 MST ON APR 14	703.278 ON APR 14	702.717 ON MAR 10	1980
1981	703.075 AT 0730 MST ON MAR 29	703.071 ON MAR 29	702.701 ON NOV 19	1981
1982	---	---	---	1982
1983	703.338 AT 2225 MST ON JUL 10 *	703.323 ON JUL 9 *	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLD LAKE AT COLD LAKE - STATION NO. 05AF002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1981	---	---	---	---	---	---	---	---	---	---	534.833	534.820	---	1981
1982	---	---	---	---	---	534.843	534.985	535.015	534.977	534.812	534.814	534.776	---	1982
1983	534.780	534.779	534.788	534.804	534.841	534.880	534.956	534.980	534.804	534.672	534.827	534.822	534.854	1983
MEAN	534.780	534.779	534.788	534.804	534.841	534.912	534.978	534.998	534.841	534.892	534.758	534.738	534.854	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 28 15 N DRAINAGE AREA, 6 510 km²
LONG 110 10 55 W

COLD LAKE AT COLD LAKE - STATION NO. 05AF002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	535.326 ON JUL 23	534.617 ON DEC 14	1971
1972	---	535.101 ON JUN 2	534.732 ON DEC 30 *	1972
1974	---	535.766 ON JUN 17 *	535.055 ON DEC 31	1974
1976	---	535.177 ON JUL 31	534.878 ON DEC 22	1976
1977	---	535.088 ON AUG 12	---	1977
1978	---	535.185 ON JUN 2	---	1978
1979	---	535.112 ON JUL 25	534.776 ON JAN 8	1979
1981	---	---	---	1981
1982	535.049 AT 1248 MST ON AUG 3 *	535.044 ON AUG 12	---	1982
1983	---	535.013 ON JUL 31	534.776 ON FEB 3	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COOKING LAKE AT COOKING LAKE - STATION NO. 05EB012

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1977	---	---	---	---	---	---	---	---	1.641	1.613	---	---	---	1977
1978	---	---	---	---	1.641	1.628	1.582	1.501	1.623	1.676	---	---	---	1978
1979	---	---	---	---	1.668	1.636	1.655	1.645	1.782	1.741	---	---	---	1979
1980	---	---	---	---	1.619	1.491	1.447	1.476	1.548	1.541	---	---	---	1980
1981	---	---	---	---	1.632	1.580	1.513	1.492	1.407	1.374	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	1.459	---	---	---	1982
MEAN	---	---	---	---	1.685	1.626	1.594	1.578	1.600	1.567	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 53 24 59 N DRAINAGE AREA, 194 km²
LONG 113 07 15 W

COOKING LAKE AT COOKING LAKE - STATION NO. 05EB012

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	1.326 ON MAY 21	1.143 ON OCT 23 *	1972
1977	---	---	---	1977
1978	---	1.692 ON OCT 7	---	1978
1979	---	1.681 ON MAY 8 *	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COOKING LAKE NEAR NORTH COOKING LAKE - STATION NO. 05EB007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	737.541	---	---	---	---	---	---	---	---	1921
1922	---	---	---	---	737.228	---	---	---	---	---	---	---	---	1922
MEAN	---	---	---	---	737.384	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 28 05 N
LONG 113 00 00 W
DRAINAGE AREA, 194 km²
NATURAL FLOW

CYGNET LAKE NEAR SYLVAN LAKE - STATION NO. 05CC901

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	931.392	931.287	931.127	930.915	930.984	---	---	---	1979
1980	---	---	---	---	931.487	931.480	931.424	931.310	931.285	931.211	---	---	---	1980
MEAN	---	---	---	---	931.487	931.436	931.356	931.219	931.090	931.088	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 15 20 N
LONG 113 58 10 W
DRAINAGE AREA, 227 km²
REGULATED
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

CYGNET LAKE NEAR SYLVAN LAKE - STATION NO. 05CC901

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	---	---	1979
1980	931.571R AT 2345 MST ON MAY 25 *	931.563 ON JUN 30 *	---	1980

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

DICKSON RESERVOIR NEAR DICKSON - STATION NO. 05CB006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	926.883	937.472	945.431	947.105	947.894	947.452	946.545	944.899	---	1983
MEAN	---	---	---	---	926.883	937.472	945.431	947.105	947.894	947.452	946.545	944.899	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 02 28 N
LONG 114 12 53 W
REGULATED SINCE 1982

DICKSON RESERVOIR NEAR DICKSON - STATION NO. 05CB006

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	948.060 ON SEP 30 *	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DRIEDMEAT LAKE AT OUTFLOW - STATION NO. 09FA020

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	884.507	884.454	884.546	884.588	---	---	---	1978
1979	---	---	---	---	---	884.613	884.530	884.488	884.448	---	---	---	---	1979
1980	---	---	---	---	884.848	884.579	884.728	884.722	884.675	884.748	---	---	---	1980
1981	---	---	---	884.784	884.808	884.604	884.552	884.997	884.884	884.807	---	---	---	1981
1982	---	---	---	---	885.544	884.730	885.401	885.038	884.893	884.881	---	---	---	1982
1983	---	---	---	884.982	884.753	884.650	885.159	884.703	884.592	884.573	---	---	---	1983
MEAN	---	---	---	884.873	884.889	884.635	884.813	884.733	884.840	884.638	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 47 20 N
LONG 112 42 30 W
DRAINAGE AREA, 7 240 km²
REGULATED
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

GRIZZBEAR LAKE AT OUTFLOW - STATION NO. 05PA029

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	---	---	1978
1979	---	---	---	1979
1980	885.058 AT 1200 MST ON APR 21	885.038 ON APR 21	---	1980
1981	885.218 AT 1830 MDT ON AUG 20	885.206 ON AUG 18	---	1981
1982	---	884.141A ON MAY 5 *	---	1982
1983	885.461 AT 0103 MST ON JUL 8 *	885.432 ON JUL 8	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAGLENEST LAKE NEAR THE OUTLET - STATION NO. 07DA022

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	2.383	2.441	---	---	2.484	2.398	2.411	2.378	---	---	1977
1978	---	---	---	2.374	2.581	---	---	2.381	2.520	2.541	---	---	---	1978
MEAN	---	---	---	2.389	2.511	---	---	2.438	2.459	2.478	2.378	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 57 45 20 N
LONG 112 10 00 W NATURAL FLOW

EAGLENEST LAKE NEAR THE OUTLET - STATION NO. 07DA022

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	2.582 AT 0001 MST ON JUL 28	2.582 ON JUL 28	---	1977
1978	2.697 AT 1200 MST ON MAY 5 *	2.694 ON MAY 5 *	---	1978

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ELKWATER LAKE - STATION NO. 05AH025

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	---	---	---	---	1918
1930	---	---	---	---	---	---	---	---	---	---	---	---	---	1930
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 1														
1972	---	---	---	---	---	---	---	1226.146	1226.095	1226.075	---	---	---	1972
1974	---	---	---	---	---	---	---	---	1226.169	1226.137	---	---	---	1974
1975	---	---	---	---	---	1226.417	---	---	---	---	---	---	---	1975
1976	---	---	---	---	1226.353	1226.355	1226.351	---	---	1226.095	---	---	---	1976
1977	---	---	---	---	1226.255	1226.227	1226.136	1226.047	1225.986	1225.899	---	---	---	1977
1978	---	---	---	---	1226.195	1226.274	1226.229	1226.131	1226.121	1226.144	---	---	---	1978
1979	---	---	---	---	---	---	---	1226.238	---	---	---	---	---	1979
1980	---	---	---	---	1226.061	1226.076	1226.039	1225.898	1225.903	1225.811	---	---	---	1980
1981	---	---	---	---	---	1226.163	1226.152	1226.078	1225.908	1225.780	---	---	---	1981
1982	---	---	---	---	1226.178	---	---	1226.408	1226.265	1226.190	---	---	---	1982
1983	---	---	---	---	1226.509	1226.443	1226.421	1226.323	1226.179	1226.084	---	---	---	1983

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 39 44 N DRAINAGE AREA, 29.0 km²
LONG 110 17 10 W

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

ELKWATER LAKE - STATION NO. 05AH025

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1918	28.536 IN JUN	---	---	1918
1930	29.307 IN JUN	---	---	1930
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 1				
1972	---	1228.244 ON JUN 23	---	1972
1974	---	---	---	1974
1975	---	1228.509 ON MAY 16	---	1975
1976	---	---	---	1976
1977	---	1228.280 ON MAY 21	---	1977
1978	---	1228.299 ON JUN 12	---	1978
1979	---	1228.482 ON MAY 20	---	1979
1980	---	1228.100 ON JUN 12	---	1980
1981	---	1228.285 ON JUN 19	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

ETHEL LAKE NEAR COLD LAKE - STATION NO. 05AC004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	540.898	540.848	540.787	540.812	540.870	540.951	---	---	---	1980
1981	---	---	---	---	540.988	540.958	540.832	540.882	540.758	540.892	---	---	---	1981
1982	---	---	540.813	540.808	540.844	540.824	540.884	540.974	541.089	---	---	---	---	1982
1983	---	---	540.900	540.954	540.952	540.889	540.894	540.815	540.724	540.858	---	---	---	1983
MEAN	---	---	540.757	540.782	540.885	540.832	540.817	540.888	540.855	540.767	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 32 40 N DRAINAGE AREA, 594 km²
LONG 110 20 06 W

ETHEL LAKE NEAR COLD LAKE - STATION NO. 05AC004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	541.032 ON OCT 28	---	1980
1981	---	---	---	1981
1982	541.158 AT 0800 MST ON SEP 10 *	541.148 ON SEP 10 *	---	1982
1983	---	540.975 ON MAY 8	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAWCETT LAKE NEAR SMITH - STATION NO. 07BK008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	611.719	---	---	---	---	---	1974
1975	---	---	---	---	---	611.806	612.105	611.810	---	---	---	---	---	1975
1976	---	---	---	---	---	611.535	611.774	611.748	611.708	---	---	---	---	1976
1977	---	---	---	---	---	611.818	611.882	611.590	611.484	611.487	---	---	---	1977
1978	---	---	---	---	611.809	611.742	611.578	611.481	611.754	611.883	---	---	---	1978
1979	---	---	---	---	---	611.808	611.758	611.573	---	---	---	---	---	1979
1983	---	---	---	---	---	611.531	611.972	611.952	---	611.500	---	---	---	1983
MEAN	---	---	---	---	611.809	611.722	611.808	611.693	611.671	611.550	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 18 20 N DRAINAGE AREA, 1 240 km²
LONG 113 51 20 W REGULATED

FAWCETT LAKE NEAR SMITH - STATION NO. 07BK008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1974	---	---	---	1974
1975	---	612.258 ON JUL 4	---	1975
1976	---	611.904 ON SEP 3	---	1976
1977	---	611.887 ON JUN 7	---	1977
1978	---	612.020 ON SEP 23	---	1978
1979	---	---	---	1979
1983	---	612.508 ON JUL 28 *	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FORSTER RESERVOIR NEAR CESSFORD - STATION NO. 05CH013

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	22.937	22.760	---	23.653	---	---	---	1983
MEAN	---	---	---	---	---	---	22.937	22.760	---	23.653	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 50 58 51 N
LONG 111 45 56 W REGULATED

FORSTER RESERVOIR NEAR CESSFORD - STATION NO. 05CH013

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	24.143 AT 1015 MST ON OCT 12 *	24.108 ON OCT 12 *	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GHOST LAKE NEAR COCHRANE - STATION NO. 05BE005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	---	---	1167.412	1169.793	1178.819	1185.401	1188.554	---	1928
1930	1189.717	1188.805	1185.549	1185.048	---	---	---	---	---	---	---	---	---	1930
1931	---	---	---	---	---	---	---	---	---	---	---	---	---	1931
1970	1191.49	1191.40	1191.50	1191.48	1188.98	1189.69	1190.76	1190.87	1190.96	1191.02	1191.05	1191.42	1190.89	1970
1971	1191.47	1191.46	1191.49	1191.52	1189.26	1189.77	1190.88	1190.87	1190.76	1190.85	1190.98	1191.38	1190.89	1971
1972	1191.54	1191.49	1191.52	1191.47	1189.19	1189.81	1190.20	1190.82	1190.89	1190.93	1190.84	1191.49	1190.84	1972
1973	1191.48	1191.50	1191.50	1191.48	1188.26	1188.97	1190.15	1190.87	1190.99	1190.98	1191.22	1191.52	1190.74	1973
1974	1191.48	1191.49	1191.50	1190.88	1187.48	1188.70	1190.72	1190.85	1188.97	1190.02	1190.90	1191.49	1190.48	1974
1975	1191.36	1191.32	1191.47	1191.43	1189.70	1188.17	1190.56	1190.78	1190.77	1190.90	1190.67	1191.44	1190.71	1975
1976	1191.43	1191.40	1191.28	1191.27	1189.15	1188.38	1190.58	1190.78	1190.78	1190.52	1190.59	1191.40	1190.63	1976
1977	1191.47	1191.00	1190.30	1188.84	1189.22	1190.00	1190.44	1190.84	1190.73	1190.74	1190.58	1191.25	1190.29	1977
1978	1191.45	1191.35	1191.35	1191.38	1189.54	1189.12	1190.12	1189.90	1190.00	1190.08	1190.36	1191.21	1190.46	1978
1979	1191.24	1191.28	1191.34	1190.72	1188.32	1188.38	1190.53	1190.82	1190.85	1190.91	1190.73	1191.28	1190.51	1979
1980	1191.32	1191.48	1191.34	1189.80	1188.80	1189.74	1190.54	1190.91	1191.05	1190.97	1190.64	1191.40	1190.87	1980
1981	1191.35	1191.25	1191.45	1188.78	1187.88	1189.27	1190.50	1190.80	1190.85	1190.82	1190.58	1190.93	1190.42	1981
1982	1191.42	1191.48	1191.42	1191.30	1187.31	1188.61	1190.07	1190.83	1191.08	1191.02	1191.03	1191.31	1190.57	1982
1983	1191.14	1191.37	1191.27	1190.18	1188.89	1188.94	1190.42	1191.03	1190.95	1190.93	1190.98	1191.23	1190.44	1983
MEAN	1191.288	1191.212	1190.863	1190.222	1188.58	1189.11	1190.47	1189.257	1189.347	1189.981	1190.481	1191.182	1190.81	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 13 00 N
LONG 114 43 00 W

DRAINAGE AREA, 6 480 km²
REGULATED

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

GHOST LAKE NEAR COCHRANE - STATION NO. 05BE005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1928	---	1190.061 ON DEC 31	---	1928
1930	---	---	---	1930
1931	1192.10 ON DEC 22 *	---	---	1931
1970	---	1191.85 ON JAN 4	1188.05 ON MAY 13	1970
1971	---	1191.77 ON DEC 21 *	1188.36 ON MAY 22	1971
1972	---	1191.74 ON JAN 9	1187.11 ON JUL 4	1972
1973	---	1191.68 ON JAN 21	1188.93 ON MAY 10	1973
1974	---	1191.65 ON JAN 27	1188.84 ON MAY 22	1974
1975	---	1191.71 ON JAN 3	1187.05 ON JUN 10	1975
1976	---	1191.59 ON DEC 19	1187.57 ON MAY 25	1976
1977	---	1191.71 ON DEC 15	1185.10 ON APR 18 *	1977
1978	---	1191.71 ON JAN 13	1187.84 ON JUN 4	1978
1979	---	1191.59 ON JAN 29	1188.77 ON MAY 24	1979
1980	---	1191.77 ON DEC 27	1188.80 ON APR 30	1980
1981	---	1191.68 ON JAN 8	1188.40 ON APR 30	1981
1982	---	1191.77 ON JAN 12	1188.82 ON MAY 18	1982
1983	---	1191.62 ON DEC 28	1188.31 ON MAY 18	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GLENMORE RESERVOIR AT CALGARY - STATION NO. 05BJ008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	1074.284	1072.841	1072.081	1073.278	1074.517	1074.978	1075.098	1075.317	1075.500	1075.328	1075.274	1075.818	1074.647	1976
1977	1074.838	1074.297	1073.565	1073.203	1073.617	1075.030	1074.882	1075.783	1075.814	1075.319	1075.015	1075.029	1074.985	1977
1978	1074.233R	1073.305R	1072.976R	1075.184R	1074.847R	1074.384R	1075.577R	1075.478R	1075.223R	1074.775R	1075.188R	1078.282R	1074.710R	1978
1979	1074.703	1073.683	1073.579	1074.440	1074.841	1073.722	1073.732	1074.787	1075.485	1075.787	1075.580	1074.453	1074.555	1979
1980	1073.558	1072.784	1072.511	1073.732	1075.053	1074.788	1075.078	1075.473	1075.520	1075.581	1075.603	1074.833	1074.883	1980
1981	1074.845	1074.030	1073.782	1073.821	1074.208	1074.082	1075.380	1075.180	1075.432	1075.467	1075.458	1075.317	1075.084	1981
1982	1073.208	1072.278	1071.826	1072.578	1074.445	1074.447	1074.704	1075.378	1075.747	1075.498	1075.899	1074.788	1074.319	1982
1983	1074.122	1073.685	1073.504	1073.446	1074.787	1074.808	1075.840	1075.531	1075.885	1075.507	1075.309	1074.318	1074.889	1983
MEAN	1074.207R	1073.362R	1072.948R	1073.683R	1074.539R	1074.525R	1075.148R	1075.739R	1075.023R	1075.033R	1075.828R	1074.929R	1074.754R	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -10.839 m ADJUSTMENT TO CONVERT TO CITY OF CALGARY DATUM

LOCATION - LAT 51 00 00 N
LONG 114 08 00 W

DRAINAGE AREA, 1 220 km²

DATA CONTRIBUTED BY - CITY OF CALGARY WATER WORKS DEPARTMENT

R - REVISED SINCE JAN 1980

GLENMORE RESERVOIR AT CALGARY - STATION NO. 05BJ008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	---	1076.752 ON SEP 13 *	1071.672 ON MAR 14	1976
1977	---	1076.685 ON AUG 28	1072.415 ON MAY 4	1977
1978	---	1076.568R ON AUG 1	1072.848R ON MAR 20	1978
1979	---	1075.841 ON OCT 31	1073.148 ON MAR 9	1979
1980	---	1076.731 ON OCT 11	1072.433 ON MAR 17	1980
1981	---	1076.818 ON OCT 27	1073.195 ON JUN 1	1981
1982	---	1076.854 ON OCT 21	1071.412 ON MAR 28 *	1982
1983	---	1076.840 ON JUL 7	1072.805 ON APR 19	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -10.839 m ADJUSTMENT TO CONVERT TO CITY OF CALGARY DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GREGOIRE LAKE NEAR FORT MCMURRAY - STATION NO. 07CE001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	475.747	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	---	475.248	---	475.341	475.431	---	---	---	1978
1979	---	---	---	---	475.412	475.488	475.392	475.338	475.415	475.384	---	---	---	1979
1980	---	---	---	---	475.245	475.278	475.217	475.508	475.584	475.488	475.348	---	---	1980
1981	---	---	---	---	475.288	475.243	475.219	475.185	475.088	475.048	---	---	---	1981
1982	---	---	---	475.130	475.330	475.313	475.251	475.247	475.202	475.172	---	---	---	1982
1983	---	---	475.153	475.171	475.174	475.224	475.228	475.281	475.228	475.307	---	---	---	1983
MEAN	---	---	475.153	475.151	475.288	475.382	475.258	475.303	475.310	475.280	475.348	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 56 28 30 N
LONG 111 05 10 W

REGULATED SINCE 1978

GREGOIRE LAKE NEAR FORT MCMURRAY - STATION NO. 07CE001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	---	---	---	1976
1977	---	475.839 ON JUN 10 *	---	1977
1978	475.482 AT 1500 MST ON SEP 28	475.475 ON SEP 28	---	1978
1979	475.583 AT 1730 MST ON MAY 28 *	475.568 ON MAY 28	---	1979
1980	---	475.819 ON SEP 4	---	1980
1981	---	---	---	1981
1982	475.408 AT 1445 MST ON MAY 24	475.385 ON MAY 24	---	1982
1983	---	475.301 ON AUG 3	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HASTINGS LAKE NEAR DEVILLE - STATION NO. 05EB011

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	738.483	738.413	738.418	738.387	738.384	---	---	---	1972
1973	---	---	---	---	738.530	738.497	738.482	738.515	738.498	738.479	---	---	---	1973
1974	---	---	---	---	738.141	738.158	738.324	738.380	738.322	738.280	---	---	---	1974
1975	---	---	---	---	738.372	738.362	738.338	738.286	738.282	738.227	---	---	---	1975
1976	---	---	---	---	738.211	738.182	738.151	738.144	738.121	738.070	---	---	---	1976
1977	---	---	---	---	738.147	738.138	738.072	738.047	738.018	738.978	---	---	---	1977
1978	---	---	---	---	738.017	738.008	738.048	738.092	738.082	738.978	---	---	---	1978
1979	---	---	---	---	738.228	738.200	738.248	738.221	738.159	738.113	---	---	---	1979
1980	---	---	---	---	738.202	738.187	738.118	738.132	738.173	738.151	---	---	---	1980
1981	---	---	---	---	738.248	738.188	738.154	738.182	738.088	738.017	---	---	---	1981
1982	---	---	---	---	738.188	738.150	738.178	738.142	738.104	738.088	---	---	---	1982
1983	---	---	---	---	738.082	738.057	738.248	738.173	738.109	738.080	---	---	---	1983
MEAN	---	---	---	---	738.128	738.048	738.054	738.041	738.018	738.983	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 25 30 N DRAINAGE AREA, 279 km²
LONG 112 54 02 W

HASTINGS LAKE NEAR DEVILLE - STATION NO. 05EB011

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	738.510 ON MAY 25	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	738.388 ON MAY 18 *	---	1975
1976	---	---	---	1976
1977	---	738.188 ON MAY 28	---	1977
1978	---	738.037 ON MAY 30	---	1978
1979	---	738.289 ON JUL 17	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	738.273 ON JUL 21	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HASTINGS LAKE NEAR NORTH COOKING LAKE - STATION NO. 05EB004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	735.540	---	---	---	---	---	---	---	---	1920
MEAN	---	---	---	---	735.540	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO RECLAMATION SERVICE OF CANADA DATUM

LOCATION - LAT 53 25 00 N DRAINAGE AREA, 279 km²
LONG 112 58 40 W

ISLE LAKE AT EUREKA BEACH - STATION NO. 05EA005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	729.842	729.810	---	---	---	---	---	---	1972
1973	---	---	---	729.733	---	---	---	---	---	---	---	---	---	1973
1975	---	---	---	---	729.878	729.872	---	729.825	---	---	---	---	---	1975
1976	---	---	---	---	729.832	729.768	729.803	---	---	---	---	---	---	1976
1978	---	---	---	---	---	729.829	---	---	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	729.737	---	---	---	1979
1980	---	---	---	---	729.911	730.067	730.188	730.111	730.081	729.873	---	---	---	1980
1981	---	---	---	---	729.788	729.825	729.828	729.841	729.841	729.752	---	---	---	1981
1982	---	---	---	---	730.081	729.859	730.288	730.188	730.084	729.907	---	---	---	1982
1983	---	---	---	---	---	729.882	---	729.928	---	---	---	---	---	1983
MEAN	---	---	---	729.733	729.914	729.851	729.987	730.014	729.882	729.842	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 37 22 N DRAINAGE AREA, 276 km²
LONG 114 42 01 W

ISLE LAKE AT EUREKA BEACH - STATION NO. 05EA005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	730.081 ON JUL 4	729.788 ON JUN 24 *	1975
1976	---	---	---	1976
1976	---	730.286 ON SEP 19	---	1976
1979	---	729.989 ON JUN 3	---	1979
1980	---	730.185 ON JUL 2	---	1980
1981	---	---	---	1981
1982	---	730.412 ON JUL 19 *	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAC LA BICHE AT LAC LA BICHE - STATION NO. 07CA004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	543.887	543.850	---	544.157	544.125	544.008	---	---	---	1979
1980	---	---	---	---	543.633	543.384	543.348	543.422	543.813	543.541	---	---	---	1980
1981	---	---	---	---	543.380	543.338	543.314	543.285	---	---	---	---	---	1981
1982	---	---	---	---	---	543.231	---	---	---	---	---	---	---	1982
MEAN	---	---	---	---	543.683	543.463	543.330	543.621	543.819	543.775	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 48 28 N DRAINAGE AREA, 4 330 km²
LONG 111 58 43 W NATURAL FLOW

LAC LA BICHE AT LAC LA BICHE - STATION NO. 07CA004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	---	543.730 ON AUG 27	543.382 ON JUN 18 *	1976
1977	---	543.588 ON AUG 11	---	1977
1978	---	543.730 ON OCT 31	---	1978
1979	---	544.178 ON AUG 7 *	---	1979
1980	---	543.547E ON OCT 22	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAC LA NONNE AT LAC LA NONNE - STATION NO. 07BB007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	0.844	0.758	0.708	0.644	0.577	---	---	---	1972
1973	---	---	---	---	0.732	---	0.884	0.778	0.731	0.703	---	---	---	1973
1974	---	---	---	---	1.248	0.977	---	---	0.782	0.735	---	---	---	1974
1975	---	---	---	---	---	0.781	0.883	---	0.831	---	---	---	---	1975
1976	---	---	---	---	---	0.720	0.892	---	---	---	---	---	---	1976
1977	---	---	---	---	---	0.878	0.787	0.750	0.722	---	---	---	---	1977
1978	---	---	---	---	0.811	0.820	0.778	0.744	0.784	0.771	---	---	---	1978
1979	---	---	---	---	0.928	---	0.802	0.727	0.831	0.558	---	---	---	1979
1980	---	---	---	---	0.707	0.782	0.712	0.708	0.883	0.883	---	---	---	1980
1981	---	---	---	---	---	0.781	0.683	0.633	0.553	0.490	---	---	---	1981
1982	---	---	---	---	0.800	0.758	0.778	0.695	0.642	0.558	---	---	---	1982
1983	---	---	---	---	0.540	---	0.770	0.770	---	0.648	---	---	---	1983
MEAN	---	---	---	---	0.838	0.809	0.774	0.723	0.703	0.638	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 53 56 41 N DRAINAGE AREA, 298 km²
LONG 114 18 43 W NATURAL FLOW

LAC LA NONNE AT LAC LA NONNE - STATION NO. 07DD007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	0.527 ON JUL 6	---	1975
1976	---	0.898 ON APR 28	0.549 ON OCT 28 *	1976
1977	---	0.554 ON JUN 5 *	---	1977
1978	---	0.847 ON SEP 20	---	1978
1979	---	---	---	1979
1980	---	0.768 ON JUN 4	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	0.842 ON JUL 27	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAC STE. ANNE AT ALBERTA BEACH - STATION NO. 05EA005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	723.287	723.273	723.260	723.241	723.111	---	---	---	1977
1978	---	---	---	---	722.936	722.845	722.818	722.883	722.944	723.038	---	---	---	1978
1979	---	---	---	---	723.083	723.043	723.025	722.945	722.845	722.788	---	---	---	1979
1980	---	---	---	---	722.800	722.879	722.893	722.887	722.836	722.813	---	---	---	1980
1981	---	---	---	---	722.868	---	---	---	---	722.878	---	---	---	1981
MEAN	---	---	---	---	722.911	723.034	723.027	722.984	722.987	722.882	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 40 35 N DRAINAGE AREA, 702 km²
LONG 114 21 27 W

LAC STE. ANNE AT ALBERTA BEACH - STATION NO. 05EA005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	---	723.283 ON JUN 17 *	---	1977
1978	---	723.068 ON OCT 20	---	1978
1979	---	723.083 ON MAY 20	---	1979
1980	---	722.900 ON JUL 4	---	1980
1981	---	---	---	1981

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE ABRAHAM NEAR NORDEGG - STATION NO. 05DC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	1293.13	1298.08	1300.15	1298.91	---	1972
1973	1295.48	1292.28	1288.18	1285.80	1284.66	1290.70	1301.29	1311.62	1313.98	1311.98	1310.07	1308.28	1299.63	1973
1974	1304.50	1299.26	1294.42	1290.07	1284.72	1290.08	1305.67	1318.75	1319.75	1316.28	1315.28	1312.38	1304.31	1974
1975	1308.28	1304.14	1298.40	1292.28	1287.38	1288.47	1300.18	1310.04	1313.38	1312.78	1310.47	1307.50	1302.78	1975
1976	1304.50	1300.18	1294.48	1289.41	1287.74	1291.89	1302.81	1314.32	1318.10	1316.40	1314.47	1310.01	1303.93	1976
1977	1308.38	1301.71	1297.05	1292.71	1291.08	1297.61	1304.44	1312.55	1316.51	1315.65	1313.12	1309.42	1304.78	1977
1978	1305.61R	1300.72R	1295.47R	1290.23R	1287.23R	1293.72R	1304.62R	1314.69R	1319.88R	1320.69R	1317.20R	1313.38R	1305.32R	1978
1979	1309.63	1304.80	1298.14	1292.02	1287.17	1293.21	1302.48	1310.79	1315.58	1315.64	1313.77	1310.91	1304.85	1979
1980	1307.88	1302.98	1297.14	1291.31	1292.89	1300.01	1305.89	1311.71	1312.81	1312.88	1311.30	1308.88	1304.63	1980
1981	1305.88	1302.87	1302.38	1295.15	1292.67	1295.44	1305.85	1317.77	1320.21	1318.58	1315.42	1310.84	1307.17	1981
1982	1306.53	1303.80	1299.53	1293.88	1288.83	1294.85	1305.38	1313.88	1319.18	1319.16	1317.07	1314.18	1305.33	1982
1983	1310.38	1307.88	1303.88	1298.38	1295.78	1294.20	1304.84	1314.88	1318.12	1316.90	1314.90	1311.01	1307.07	1983
MEAN	1305.84R	1301.88R	1297.28R	1292.19R	1288.52R	1293.61R	1303.80R	1313.53R	1315.13R	1314.92R	1312.77R	1309.92R	1304.89R	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 16 28 N DRAINAGE AREA, 3 880 km² DATA CONTRIBUTED BY - R - REVISED SINCE JAN 1980
LONG 116 19 42 W REGULATED SINCE 1972 TRANSALTA UTILITIES CORPORATION

LAKE ABRAHAM NEAR NORDEGG - STATION NO. 05DC003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	1314.40 ON SEP 13	1283.08 ON MAY 14 *	1973
1974	---	1320.10 ON SEP 10	1283.35 ON MAY 21	1974
1975	---	1313.78 ON SEP 20	1285.72 ON MAY 30	1975
1976	---	1319.46 ON SEP 25	1288.80 ON MAY 4	1976
1977	---	1316.65 ON SEP 22	1290.82 ON MAY 8	1977
1978	---	1321.38R ON OCT 7 *	1288.43R ON MAY 19	1978
1979	---	1316.34 ON SEP 29	1288.47 ON MAY 21	1979
1980	---	1313.11 ON OCT 9	1289.88 ON APR 26	1980
1981	---	1320.49 ON SEP 21	1290.31 ON MAY 20	1981
1982	---	1319.75 ON SEP 28	1287.78 ON MAY 16	1982
1983	---	1316.32 ON SEP 11	1287.72 ON MAY 20	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LAKE ATHABASCA AT BUSTARD ISLAND - STATION NO. 07MD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	208.512	208.421	208.880	209.035	209.224	---	208.193	208.128	---	---	---	1975
1976	---	208.704	208.593	208.880	---	208.209	209.423	208.847	208.814	208.448	208.287	208.322	---	1976
1977	208.142	208.978	208.831	208.777	208.148	208.831	208.836	208.847	208.787	208.802	208.388	---	---	1977
1978	---	208.018	208.882	208.788	208.135	208.382	208.484	208.408	---	---	208.257	---	---	1978
1979	---	---	208.737	208.641	---	---	---	208.822	208.487	208.225	208.978	208.820	---	1979
1980	---	---	---	208.478	208.582	208.672	208.829	208.788	208.880	208.780	---	---	---	1980
1981	---	208.248	208.201	208.217	208.857	208.874	---	---	---	208.338	---	---	---	1981
1982	---	---	---	---	---	---	---	---	208.014	208.828	208.802	208.827	---	1982
1983	208.428	208.308	208.243	208.187	208.480	208.582	208.851	208.204	208.081	208.824	208.737	---	---	1983
MEAN	208.785	208.851	208.568	208.518	208.807	208.085	208.275	208.438	208.288	208.022	208.040	208.856	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 46 55 N
LONG 110 46 40 W REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LAKE ATHABASCA AT BUSTARD ISLAND - STATION NO. 07MD002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	208.810 ON OCT 3	208.528 ON APR 3	1976
1977	---	208.831 ON AUG 3	---	1977
1978	---	208.884 ON AUG 11	208.730 ON APR 13	1978
1979	---	210.128 ON JUL 22 *	208.825 ON APR 11	1979
1980	---	208.010 ON SEP 15	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	208.288 ON AUG 11	208.171 ON APR 19 *	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE ATHABASCA AT FORT CHIPEWYAN - STATION NO. 07MD001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	---	---	---	---	---	---	---	---	---	---	---	208.584	---	1930
1942	---	---	---	---	---	209.571	209.785	209.338	208.908	---	---	---	---	1942
1943	---	---	---	---	---	209.028	209.858	---	---	---	---	---	---	1943
1944	---	---	---	---	---	209.077	208.991	208.849	---	---	---	---	---	1944
1947	---	---	---	---	---	---	209.890	209.349	---	---	---	---	---	1947
1948	---	---	---	---	---	---	210.019	---	209.286	---	---	---	---	1948
1949	---	---	---	---	208.515	209.006	209.153	209.111	208.780	208.262	---	---	---	1949
1950	---	---	---	---	---	208.998	209.272	208.907	208.389	208.025	---	---	---	1950
1951	---	---	---	---	---	---	209.782	209.487	208.957	---	---	---	---	1951
1952	---	---	---	---	208.539	208.854	---	208.842	208.450	---	---	---	---	1952
1953	---	---	---	---	---	208.671	208.087	208.578	208.458	---	---	---	---	1953
1955	---	---	---	---	---	---	209.749	209.848	---	208.547	---	---	---	1955
1956	---	---	---	---	208.148	208.985	209.380	209.050	---	---	---	---	---	1956
1960	---	---	---	---	---	209.448	210.321	210.155	---	---	---	---	---	1960
1961	---	---	---	---	---	---	209.789	---	208.589	---	---	---	---	1961
1962	---	---	---	---	---	209.720	210.448	210.411	210.044	---	---	---	---	1962
1963	---	---	---	---	208.414	210.027	210.091	209.818	209.405	---	---	---	---	1963
1964	---	---	---	---	---	---	210.388	210.488	210.131	209.758	---	---	---	1964
1965	---	---	---	---	---	208.881	210.506	210.303	209.833	209.435	---	---	---	1965
1966	---	---	---	---	---	208.497	208.913	209.672	209.848	209.235	---	---	---	1966
1967	---	---	---	---	---	210.018	210.431	210.052	209.820	209.087	---	---	---	1967
1968	---	---	---	---	---	---	---	208.840	208.262	208.099	---	---	---	1968
1969	---	---	---	207.178	---	208.866	---	---	208.283	---	---	207.850	---	1969
1970	---	---	208.929	208.954	208.338	208.575	208.823	208.475	208.182	207.877	207.817	---	---	1970
1971	---	---	---	208.785	208.588	208.700	209.108	208.093	208.823	208.151	---	---	---	1971
1972	---	208.517	208.208	208.883	---	208.441	209.881	209.826	209.148	---	---	---	---	1972
1973	---	---	208.094	208.199	---	208.238	209.529	208.385	208.040	208.882	208.480	---	---	1973
1974	---	---	---	207.811	208.858	---	210.121	209.858	209.848	209.142	---	208.833	---	1974
1975	208.720	208.538	208.352	---	208.871	209.037	208.185	208.218	208.182	208.128	---	---	---	1975
1976	208.715	208.578	208.413	208.803	---	---	209.414	209.548	209.578	---	---	208.181	---	1976
1977	209.081	208.908	208.728	208.713	208.174	208.558	---	208.810	208.707	---	208.331	---	---	1977
1978	---	---	208.788	208.844	---	---	209.441	208.388	208.324	208.328	---	208.088	---	1978
1979	208.981	208.784	208.625	208.417	208.144	208.748	208.982	208.778	208.454	208.174	208.880	---	---	1979
1980	---	208.515	208.325	208.274	208.548	208.829	208.785	208.758	208.727	---	208.484	---	---	1980
1981	---	---	207.945	208.026	208.714	208.852	208.838	208.748	208.541	---	---	---	---	1981
1982	---	207.585	---	208.854	---	208.839	208.987	209.057	208.925	208.774	208.530	208.443	---	1982
1983	208.298	208.144	207.985	207.983	208.420	208.574	208.844	209.152	208.985	208.780	208.598	208.382	208.514	1983
MEAN	208.781	208.197	207.943	207.783	208.768	209.200	209.595	209.387	209.078	208.780	208.589	208.583	208.514	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 42 40 N
LONG 111 08 50 W REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LAKE ATHABASCA AT FORT CHIPEWYAN - STATION NO. 07MD001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1930	---	---	---	1930
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1955	---	---	---	1955
1956	---	---	---	1956
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	210.180 ON JUL 10	208.091 ON MAR 27 *	1972
1973	---	---	---	1973
1974	210.426 AT 0800 MST ON JUL 12 *	210.257 ON JUL 31 *	207.109 ON APR 8	1974
1975	---	209.830 ON JUN 27	---	1975
1976	---	---	---	1976
1977	---	209.922 ON JUL 28	---	1977
1978	---	209.688 ON SEP 6	208.593 ON APR 13	1978
1979	---	210.189 ON JUL 12	208.338 ON APR 24	1979
1980	---	209.010 ON JUL 23	207.955 ON OCT 29	1980
1981	---	208.138 ON JUN 6	---	1981
1982	---	209.372 ON AUG 2	---	1982
1983	---	209.274 ON AUG 11	207.880 ON APR 8	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER - STATION NO. 07KF002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	208.633	208.521	---	---	---	---	1970
1971	---	---	---	---	---	---	---	209.010	208.925	---	---	---	---	1971
1972	---	---	---	---	---	208.774	208.839	209.010	208.925	---	---	---	---	1972
1973	---	---	---	---	---	209.832	209.829	209.838	209.639	209.469	---	---	---	1973
1974	---	---	---	---	---	---	---	209.888	---	---	---	---	---	1974
								210.508	210.382	210.148	---	---	---	
1975	---	---	---	---	---	---	209.554	209.398	209.534	---	---	209.220	---	1975
1976	---	---	---	---	---	---	---	209.399	209.532	---	---	---	---	1976
1977	---	---	209.118	209.142	---	---	---	209.718	209.618	---	209.337	---	---	1977
1978	209.169	209.140	208.992	---	---	---	209.282	209.222	209.281	209.436	---	---	---	1978
1979	---	---	---	209.187	---	---	---	---	209.524	---	---	---	---	1979
1980	---	208.843	208.818	---	---	---	---	---	---	---	208.513	---	---	1980
1981	208.853	---	---	208.528	---	---	208.813	208.854	208.545	208.485	208.342	---	---	1981
1982	---	---	---	---	208.823	208.836	208.784	208.852	208.780	208.718	---	---	---	1982
1983	---	208.508	208.463	208.571	209.000	208.894	208.818	209.121	209.013	208.880	208.785	208.882	---	1983
MEAN	208.871	208.883	208.853	208.857	208.912	209.084	208.181	209.382	209.271	208.195	208.738	208.851	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 38 00 N
LONG 111 41 50 W REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER - STATION NO. 07KF002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	210.050 ON JUN 1 *	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	209.805 ON AUG 26	---	1978
1979	---	209.571 ON NOV 2	208.700 ON APR 12	1979
1980	---	---	---	1980
1981	---	209.093 ON APR 18	208.427 ON NOV 20 *	1981
1982	---	---	---	1982
1983	---	209.215 ON SEP 11	---	1983
		209.348 ON SEP 24	208.483 ON APR 18	

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MCGREGOR AT SOUTH DAM - STATION NO. 05AC022

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	885.940	885.881	885.871	885.926	---	---	---	---	---	1926
1927	---	---	---	---	885.838	885.815	885.722	885.533	885.424	---	---	---	---	1927
1928	---	---	---	---	886.380	886.285	885.951	885.848	885.734	---	---	---	---	1928
MEAN	---	---	---	---	885.048	885.980	885.848	885.770	885.579	---	---	---	---	MEAN

WATER LEVELS REFERRED TO CANADA LAND AND IRRIGATION COMPANY DATUM

LOCATION - LAT 50 18 00 N DRAINAGE AREA, 1 000 km²
LONG 112 50 00 W REGULATED

LAKE MINNEWANKA NEAR BANFF - STATION NO. 05BD003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1917	---	---	---	---	---	1484.878	1485.020	1485.221	1485.255	---	---	---	---	1917
1918	---	---	---	---	---	---	1484.902	1485.120	---	---	---	---	---	1918
1919	---	---	---	---	---	---	1484.948	1485.217	1485.169	---	---	---	---	1919
1920	---	---	---	---	---	---	---	1485.024	---	---	---	---	---	1920
1921	---	---	---	---	---	1485.083	---	---	---	---	---	---	---	1921
1922	---	---	---	---	---	---	---	---	---	---	---	---	---	1922
1923	---	---	---	---	---	---	---	---	---	---	---	---	---	1923
1924	---	---	---	---	---	---	---	---	---	---	---	---	---	1924
1925	---	---	---	---	---	---	---	---	---	---	---	---	---	1925
1926	---	---	---	---	---	---	---	---	---	---	---	---	---	1926
1927	---	---	---	---	---	---	---	---	---	---	---	---	---	1927
1928	---	---	---	---	---	---	---	---	---	---	---	---	---	1928
1929	---	---	---	---	---	---	---	---	---	---	---	---	---	1929
1930	---	---	---	---	---	---	---	---	---	---	---	---	---	1930
1931	---	---	---	---	---	---	---	---	---	---	---	---	---	1931
1932	---	---	---	---	---	---	---	---	---	---	---	---	---	1932
1933	---	---	---	---	---	---	---	---	---	---	---	---	---	1933
1934	---	---	---	---	---	---	---	---	---	---	---	---	---	1934
1935	---	---	---	---	---	---	---	---	---	---	---	---	---	1935
1936	---	---	---	---	---	---	---	---	---	---	---	---	---	1936
1937	---	---	---	---	---	---	---	---	---	---	---	---	---	1937
1938	---	---	---	---	---	---	---	---	---	---	---	---	---	1938
1939	---	---	---	---	---	---	---	---	---	---	---	---	---	1939
1940	---	---	---	---	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	---	---	---	---	---	---	---	---	---	---	1941
1942	---	---	---	---	1486.380	1487.780	---	---	---	---	---	---	---	1942
1943	1470.883	1488.725	1487.111	1488.138	1488.088	1487.082	1470.884	1473.081	1473.830	1473.842	1472.728	1471.274	1470.090	1943
1944	1488.881	1488.128	1488.273	1484.788	1484.882	1487.084	1489.052	1470.811	1473.032	1472.629	1472.098	1470.710	1488.018	1944
1945	1488.181	1487.881	1488.311	1485.233	1488.113	1487.384	1470.731	1472.231	1473.384	1474.018	1473.819	1473.088	1488.881	1945
1946	1471.895	1488.887	1487.978	1488.278	1485.881	1488.388	1470.852	1472.170	1473.845	1474.149	1473.285	1472.188	1470.527	1946
1947	1470.818	1488.882	1487.178	1488.874	1488.111	1488.803	1471.439	1472.733	1473.881	1474.470	1474.336	1473.148	1470.801	1947
1948	1471.088	---	1488.081	1488.288	1488.181	1471.730	1474.888	1475.187	1475.008	1474.515	1473.428	1472.081	---	1948
1949	1470.480	1488.893	1487.108	1488.302	1488.033	1487.304	1487.838	1488.078	1487.948	1487.908	1487.180	1488.052	1487.589	1949
1950	1484.888	1484.048	1483.728	1483.384	1483.801	1488.820	1470.288	1472.035	1472.478	1471.548	1470.025	1488.120	1487.518	1950
1951	1488.181	1484.417	1483.727	1483.484	1484.158	1488.884	1470.877	1473.288	1474.485	1474.888	1473.548	1472.238	1488.892	1951
1952	1470.948	1470.280	1488.447	1488.281	1487.918	1488.482	1473.308	1475.013	1475.048	1474.758	1474.098	1472.848	1471.788	1952
1953	1471.488	1488.720	1488.288	1487.884	1488.883	1488.301	1473.827	1474.838	1474.834	1474.818	1473.714	1472.218	1471.482	1953
1954	1470.858	1488.082	1487.978	1488.882	1485.308	1487.148	1472.034	1474.838	1475.200	1474.885	1474.588	1473.718	1471.002	1954
1955	1472.180	1470.586	1488.731	1488.787	1488.388	1488.828	1488.820	1471.882	1472.418	1472.484	1472.268	1471.008	1470.000	1955
1956	1488.805	1488.188	1488.883	1485.081	1488.087	1488.187	1472.288	1474.038	1474.884	1474.080	1472.918	1471.488	1470.288	1956
1957	1488.805	1488.281	1488.340	1484.782	1488.088	1488.823	1470.875	1472.030	1472.771	1472.834	1472.393	1471.480	1488.732	1957
1958	1470.014	1487.858	1488.284	1485.718	1488.782	1488.788	1471.752	1473.281	1474.011	1473.818	1473.002	1472.028	1470.214	1958
1959	1470.381	1488.430	1487.882	1488.107	1485.585	1487.880	1471.338	1473.011	1473.812	1474.638	1474.877	1473.888	1470.841	1959
1960	1472.724	1471.877	1471.004	1471.037	1470.781	1471.341	1473.829	1474.831	1475.013	1475.058	1474.328	1473.204	1472.918	1960
1961	1472.881	1471.857	1470.885	1488.878	1488.931	1472.508	1474.452	1475.226	1475.218	1475.014	1474.805	1473.937	1473.858	1961
1962	1471.088	1488.886	1488.218	1485.712	1484.788	1488.075	1488.488	1488.813	1488.818	1488.884	1488.807	1488.348	1488.843	1962
1963	1488.288	1487.842	1488.880	1488.288	1488.814	1488.881	1472.284	1474.884	1475.187	1473.807	1471.888	1470.813	1470.178	1963
1964	1488.838	1488.338	1488.488	1484.882	1484.708	1487.838	1471.908	1473.287	1473.841	1473.884	1473.774	1472.934	1470.087	1964
1965	1471.818	---	---	---	---	---	---	---	1475.187	---	1474.88	1474.02	---	1965
1966	---	1470.84	1488.10	1488.27	1488.88	1471.32	1473.88	1474.78	1474.77	---	1474.04	1472.84	---	1966
1967	1471.88	1470.06	1488.12	1487.80	1488.23	1488.82	1473.44	1474.30	1473.78	1473.10	1472.71	1471.88	1471.14	1967
1968	1470.23	1488.27	1488.78	1488.38	1488.87	1488.82	1471.28	1472.84	1472.84	1472.18	1471.80	1471.84	1488.88	1968
1969	1470.78	1488.88	1488.88	1488.87	1470.12	1472.18	1474.40	1474.20	1474.42	1473.73	1473.83	1473.04	1472.01	1969
1970	1472.11	1471.28	1470.83	1470.08	1488.84	1471.28	1473.32	1472.44	1472.20	1471.38	1470.08	1488.78	1471.08	1970
1971	1487.84	1487.78	1487.88	1488.88	1487.71	1470.80	1473.83	1474.87	1474.83	1473.38	1472.38	1471.48	1470.78	1971
1972	1470.48	1488.78	1488.41	1488.28	1488.38	1473.12	1474.38	1474.70	1474.47	1474.07	1474.08	1473.88	1472.23	1972
1973	1472.08	1470.83	1488.88	1488.88	1470.24	1473.08	1474.38	1474.34	1474.44	1474.41	1473.87	1473.11	1472.80	1973
1974	1472.38	1471.78	1471.01	1470.38	1470.88	1472.88	1474.88	1474.38	1474.88	1474.88	1474.23	1473.78	1472.88	1974
1975	1472.87	1470.80	1488.78	1488.04	1487.88	1488.38	1470.14	1471.88	1472.33	1472.78	1472.88	1472.10	1470.84	1975
1976	1471.88	1471.08	1470.20	1488.17	1488.24	1470.88	1473.48	1474.38	1474.84	1474.83	1474.18	1473.31	1472.23	1976
1977	1472.48	1471.58	1471.28	1471.31	1471.17	1472.83	1473.28	1473.88	1474.31	1474.08	1474.30	1473.47	1472.78	1977
1978	1471.88	1488.84	1487.88	1487.24	1487.80	1488.82	1472.88	1474.04	1474.41	1475.03	1474.87	1473.88	1471.88	1978
1979	1472.88	1471.48	1470.38	1488.88	1488.78	1470.34	1472.18	1472.18	1471.80	1470.82	1470.72	1470.08	1470.80	1979
1980	1488.28	1488.40	1487.88	1487.70	1488.88	1471.82	1472.88	1473.07	1473.18	1473.72	1473.88	1473.31	1471.18	1980
1981	1472.88	1471.87	1470.82	1488.20	1488.78	1471.08	1473.28	1474.81	1474.88	1474.84	1474.38	1473.11	1472.44	1981
1982	1471.88	1470.88	1470.40	1488.72	1488.20	1471.10	1473.13	1473.81	1474.31	1474.72	1474.28	1473.31	1472.23	1982
1983	1472.18	1471.13	1470.20	1488.87	1488.81	1471.34	1473.80	1474.38	1473.82	1473.82	1473.31	1472.42	1472.08	1983
MEAN	1470.777	1488.480	1488.318	1487.425	1487.010	1488.833	1470.875	1472.088	1472.878	1473.824	1473.080	1472.088	1470.882	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 14 10 N
LONG 115 29 10 W

DRAINAGE AREA, 847 km²
REGULATED

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1917	---	1455.414 ON JUL 8	---	1917
1918	---	1455.353 ON NOV 2	---	1918
1919	---	1455.536 ON AUG 8	---	1919
1920	---	1455.383 ON OCT 9	---	1920
1921	---	1455.353 ON JUN 25	---	1921
1922	---	1455.423 ON NOV 1	---	1922
1923	---	1455.743 ON JUN 14	---	1923
1924	---	1455.386 ON NOV 1	---	1924
1925	---	1455.414 ON OCT 17	---	1925
1926	---	1455.612 ON OCT 10	---	1926
1927	---	1455.643 ON NOV 5	---	1927
1928	---	1455.656 ON JUN 25	1451.711 ON APR 22	1928
1929	---	1455.656 ON OCT 13	1451.865 ON APR 19	1929
1930	---	1455.633 ON OCT 26	1451.865 ON APR 4	1930
1931	---	1455.734 ON OCT 31	1451.856 ON APR 23 *	1931
1932	---	1455.780 ON OCT 23	1451.880 ON APR 17	1932
1933	---	1455.383 ON AUG 25	1452.810 ON MAY 10	1933
1934	---	1455.383 ON OCT 14	1453.884 ON MAY 13	1934
1935	---	1455.383 ON SEP 4	1451.895 ON MAY 9	1935
1936	---	1455.383 ON SEP 13	1451.895 ON MAR 31	1936
1937	---	1455.667 ON DEC 1	1451.865 ON APR 19	1937
1938	---	1455.460 ON AUG 21	1453.021 ON APR 17	1938
1939	---	1455.566 ON OCT 25	1451.895 ON MAR 31	1939
1940	---	1455.551 ON SEP 18	1451.908 ON APR 18	1940
1941	---	---	1458.475 ON JAN 1	1941
1942	---	1474.275 ON OCT 26	1462.723 ON JAN 3	1942
1943	---	1473.903 ON SEP 24	1465.829 ON MAY 22	1943
1944	---	1472.785 ON OCT 24	1464.558 ON MAY 9	1944
1945	---	1474.180 ON NOV 5	1464.808 ON MAY 3	1945
1946	---	1474.281 ON OCT 15	1465.448 ON MAY 4	1946
1947	---	1474.744 ON OCT 29	1465.219 ON APR 27	1947
1948	---	1475.232 ON AUG 1	1465.483 ON MAY 12	1948
1949	---	1471.270 ON JAN 1	1465.509 ON DEC 31	1949
1950	---	1472.861 ON SEP 7	1463.345 ON APR 22	1950
1951	---	1474.805 ON SEP 24	1463.406 ON APR 25	1951
1952	---	1475.217 ON AUG 18	1467.124 ON MAY 14	1952
1953	---	1475.015 ON AUG 10	1465.134 ON MAY 29	1953
1954	---	1475.356 ON AUG 27 *	1464.975 ON MAY 18	1954
1955	---	1473.007 ON JAN 1	1465.067 ON MAY 19	1955
1956	---	1475.110 ON SEP 23	1464.584 ON MAY 3	1956
1957	---	1473.037 ON OCT 4	1464.584 ON APR 13	1957
1958	---	1474.302 ON SEP 28	1465.174 ON MAY 10	1958
1959	---	1474.942 ON NOV 4	1466.250 ON MAY 12	1959
1960	---	1475.188 ON OCT 11	1470.599 ON JUN 1	1960
1961	---	1475.282 ON AUG 17	1468.358 ON MAY 19	1961
1962	---	1472.077 ON JAN 1	1464.810 ON MAY 5	1962
1963	---	1475.247 ON SEP 3	1466.195 ON APR 4	1963
1964	---	1473.891 ON NOV 21	1464.918 ON MAY 10	1964
1965	---	1475.23 ON OCT 5	1471.05 ON MAY 3	1965
1966	---	1474.98 ON SEP 8	1467.83 ON MAY 4	1966
1967	---	1474.44 ON AUG 14	1465.54 ON MAY 20	1967
1968	---	1473.40 ON SEP 3	1466.30 ON APR 7	1968
1969	---	1474.74 ON JUL 10	1466.80 ON MAR 25	1969
1970	---	1473.71 ON JUL 13	1466.37 ON DEC 29	1970
1971	---	1474.87 ON AUG 23	1466.85 ON APR 3	1971
1972	---	1474.81 ON AUG 14	1469.01 ON APR 28	1972
1973	---	1474.56 ON JUL 26	1469.58 ON MAR 19	1973
1974	---	1475.02 ON JUN 28	1470.14 ON MAY 1	1974
1975	---	1473.37 ON JAN 1	1467.40 ON MAY 27	1975
1976	---	1474.65 ON OCT 4	1466.55 ON MAY 4	1976
1977	---	1474.50 ON SEP 19	1471.03 ON MAY 7	1977
1978	---	1475.17 ON OCT 23	1467.15 ON APR 25	1978
1979	---	1473.28 ON JAN 1	1466.56 ON MAY 19	1979
1980	---	1474.04 ON NOV 10	1467.56 ON APR 11	1980
1981	---	1475.08 ON SEP 28	1466.19 ON MAY 12	1981
1982	---	1474.87 ON OCT 24	1469.01 ON MAY 12	1982
1983	---	1474.56 ON AUG 18	1469.35 ON MAY 13	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE SHERBURNE - STATION NO. 05AE036

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	1462.700	---	---	---	---	---	---	---	1915
1917	---	---	---	---	---	1463.373	1463.115	1463.083	1463.083	---	---	---	---	1917
1918	---	---	---	---	---	1463.301	1462.955	1462.985	1462.957	---	---	---	---	1918
1920	---	---	---	---	---	---	1460.005	1463.961	---	---	---	---	---	1920
1921	---	---	---	---	---	---	1451.129	1451.598	1451.238	1448.478	1442.256	1443.100	---	1921
1922	---	---	---	---	---	1462.565	1464.731	1469.030	1467.844	1462.971	---	---	---	1922
1923	---	---	---	---	---	---	---	1463.589	1454.045	---	---	---	---	1923
1924	---	---	---	---	---	---	1452.873	1453.378	---	---	---	---	---	1924
1926	---	---	---	---	---	1448.148	---	---	---	---	---	---	---	1926
1927	---	---	---	---	---	1451.795	1452.598	1456.368	1455.224	---	1454.000	---	---	1927
1928	---	---	---	---	---	---	---	1466.271	1455.097	1453.757	---	---	---	1928
1929	---	---	---	---	---	1453.386	1455.480	1455.864	1452.985	1447.958	1448.184	---	---	1929
1930	---	---	---	---	---	1453.831	1456.853	---	1452.913	1448.288	---	---	---	1930
1931	---	---	---	---	---	1451.811	1456.817	1454.884	1448.819	---	---	---	---	1931
1932	---	---	---	---	---	---	1449.154	1456.118	1456.873	1451.588	1445.038	---	---	1932
1933	---	---	---	---	---	---	---	1460.004	1456.086	1453.180	1448.855	1445.831	---	1933
1934	---	---	---	---	1450.277	1456.510	1458.963	1465.457	1447.598	---	---	---	1446.553	1449.216	---	1934
1935	1448.598	1448.610	1448.214	1447.611	1448.800	1454.182	1456.222	1450.521	---	---	---	1442.983	---	---	---	1935
1936	---	---	---	---	---	---	1457.853	1454.287	1443.926	---	---	---	---	---	---	1936
1937	---	---	---	---	1442.881	1448.888	---	---	1450.010	1441.885	1441.198	---	---	---	---	1937
1938	---	---	---	---	1448.126	1452.774	1457.575	1457.807	1451.493	1442.555	---	---	---	---	---	1938
1939	---	---	---	---	1445.715	1450.803	1456.494	1453.782	1444.887	1442.579	1444.345	1442.804	---	---	---	1939
1940	---	---	---	---	---	1451.605	1455.844	1451.855	1443.485	1443.345	1446.188	---	---	---	---	1940
1941	---	---	---	---	1447.845	1449.042	1453.218	1450.773	1442.587	1442.357	1446.152	1448.452	1451.389	---	---	1941
1942	1452.873	1453.380	1453.737	1454.314	1455.134	1458.050	1458.221	1456.861	1448.452	1444.972	1442.581	1444.928	1451.787	1942
1943	1448.018	1448.778	1447.386	1450.370	1454.043	1456.131	1457.580	1455.853	1447.150	1442.248	1443.880	1444.582	1448.337	1943
1944	1445.121	1445.478	1445.880	1448.555	1443.988	1449.170	1450.313	1442.930	1442.820	1445.154	1448.849	1447.888	1445.972	1944
1945	1448.381	1448.982	1449.457	1449.842	1450.821	1456.676	1457.944	1453.073	1445.174	1442.822	1445.817	1447.428	1449.884	1945
1946	1448.134	1448.845	1449.282	1447.847	1448.088	1456.502	1458.148	1454.221	1448.008	1444.048	1448.828	1448.308	1449.578	1946
1947	1449.159	1449.821	1450.285	1448.408	1452.548	1454.850	1457.048	1453.334	1448.073	---	---	---	---	1947
1948	---	---	---	---	---	---	---	---	---	---	1443.198	1443.871	1444.522	---	---	1948
1949	1444.857	1445.588	1448.286	1447.789	1451.792	1457.887	1457.078	1451.613	1444.903	1448.340	1448.734	1451.337	1449.552	1949
1950	1452.388	1453.028	1453.727	1453.250	1452.028	1452.403	1457.835	1457.087	1452.548	1445.810	1445.088	1448.893	1451.908	1950
1951	1449.249	1450.547	1451.550	1452.851	1453.938	1455.798	1457.555	1456.483	1451.423	1444.848	1445.188	---	---	1951
1952	---	---	---	1449.787	1452.803	1456.880	1457.585	1454.639	1448.242	1443.094	---	---	---	1952
1962	---	---	---	---	---	---	---	---	---	---	1445.458	1447.978	1450.337	---	---	1962
1963	1451.538	1452.748	1453.595	1449.578	1443.973	1454.008	1458.788	1453.843	1444.345	---	1444.773	1446.353	---	---	---	1963
1964	1447.113	1447.671	1448.138	1445.402	1444.151	1454.494	1458.758	1456.118	1448.482	---	---	---	---	---	---	1964
1965	---	---	---	---	---	1452.743	1455.062	1458.877	1458.443	---	1443.963	1443.093	1444.404	---	---	1965
1966	1445.461	1446.268	1446.743	1448.140	1450.576	1456.011	1459.043	1454.544	1445.184	1442.611	1444.741	1448.338	1448.907	1966
1967	1447.373	1448.278	1448.867	1448.731	1447.971	1449.438	1458.108	1455.735	1448.847	1443.632	1448.780	1448.445	1449.285	1967
1968	1448.372	1450.738	1451.938	1450.288	1444.738	1454.852	1458.489	1454.188	1445.888	1444.817	1447.592	1449.070	1450.187	1968
1969	1450.032	---	1451.050	1452.482	1455.822	1458.548	1458.747	1452.853	1443.314	1443.194	1445.424	1446.531	---	1969
1970	---	1447.858	1448.427	1448.982	1448.148	1457.131	1458.605	1452.898	1443.857	1444.802	1445.755	1448.911	---	1970
1971	1447.744	1448.978	1449.787	1450.822	1455.819	1455.540	1459.071	1458.343	1450.858	1443.118	1445.180	1448.446	1450.885	1971
1972	1447.188	1447.858	1448.588	1452.287	1452.222	1455.385	1459.189	1458.004	1451.747	1443.238	1443.908	1444.805	1450.485	1972
1973	1448.820	1448.583	1447.081	1447.587	1448.858	1454.710	1455.187	1448.555	1443.732	1445.340	1448.185	1450.373	1448.340	1973
1974	1451.889	1453.526	1454.084	1451.928	1448.882	1456.405	1459.231	1458.823	1448.234	1445.125	1445.988	1448.988	1451.582	1974
1975	1447.551	1448.088	1448.515	1448.844	1451.951	1457.088	1459.137	1457.344	1448.388	1443.423	1446.388	1449.820	1450.844	1975
1976	1451.204	1452.137	1452.742	1453.894	1455.828	1457.087	---	1457.241	1450.476	---	---	1446.477	---	1976
1977	1446.117	---	---	1448.072	1448.882	1448.848	1443.420	1443.478	1444.485	1448.382	1448.008	1449.438	---	1977
1978	1450.272	1450.758	1451.159	1452.834	1455.215	1457.492	1459.080	1458.284	1450.198	1444.398	1443.378	1444.494	1451.311	1978
1979	1446.080	1446.482	1446.292	1447.510	1450.700	1454.847	1456.596	1450.280	1443.135	1443.784	1444.737	1446.738	1447.668	1979
1980	1446.821	1447.387	1447.488	1443.488	1451.093	1457.513	1457.844	1450.828	1443.341	1444.840	1447.374	1449.285	1448.880	1980
1981	1451.587	1452.900	1450.818	1443.713	1448.364	1457.807	1458.058	1455.385	1447.282	1442.835	1444.125	1446.147	1449.935	1981
1982	1446.851	1446.752	1447.898	1448.592	1447.187	1447.508	1449.648	1445.258	1447.733	1449.058	1450.288	1451.127	1448.113	1982
1983	1451.801	1452.383	1451.193	1444.487	1446.112	1452.888	1453.273	1448.052	1446.170	1446.504	1448.458	1449.758	1449.058	1983
MEAN	1448.490	1448.321	1448.741	1448.919	1450.408	1454.084	1456.388	1451.587	1448.382	1444.886	1445.892	1447.389	1449.893	MEAN

WATER LEVELS REFERRED TO UNITED STATES RECLAMATION SERVICE DATUM
APPLY 2.880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 48 49 42 N
LONG 113 31 18 W

DRAINAGE AREA, 187 km²
REGULATED

INTERNATIONAL GAUGING STATION

LAKE SHERBURNE - STATION NO. 05AE038

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1915	---	---	---	1915
1917	---	---	---	1917
1918	---	---	---	1918
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	1458.418 ON JUL 19	1441.942 ON NOV 5	1942
1943	---	1458.328 ON JUL 25	1441.887 ON OCT 8 *	1943
1944	---	1452.235 ON JUL 11	1441.887 ON SEP 11	1944
1945	---	1458.438 ON JUL 6	1442.274 ON OCT 10	1945
1946	---	1458.468 ON JUL 13	1442.597 ON SEP 27	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	1458.361 ON JUN 23	1443.545 ON SEP 15	1949
1950	---	1458.284 ON JUL 15	1444.103 ON NOV 19	1950
1951	---	---	---	1951
1952	---	---	---	1952
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	1458.431 ON JUL 10	1441.954 ON OCT 12	1966
1967	1458.965 AT 1000 MST ON JUL 19	1458.962 ON JUL 18	1442.131 ON SEP 27	1967
1968	---	1458.907 ON JUL 12	1442.451 ON SEP 30	1968
1969	1459.324 AT 1900 MDT ON JUL 12	1459.308 ON JUL 6	1441.939 ON SEP 20	1969
1970	1459.340 AT 1400 MDT ON JUL 4	1459.321 ON JUL 4	---	1970
1971	---	1459.404 ON JUL 22	1442.061 ON OCT 11	1971
1972	1459.488 AT 1800 MDT ON JUL 14 *	1459.440 ON JUL 14	1442.045 ON OCT 18	1972
1973	---	1458.825 ON JUL 2	1442.148 ON AUG 27	1973
1974	1459.428 AT 2100 MDT ON JUL 2	1459.422 ON JUL 2	1444.270 ON SEP 24	1974
1975	1459.407 AT 1400 MST ON JUL 7	1459.382 ON JUL 8	1443.188 ON OCT 17	1975
1976	1459.388 AT 0945 MST ON JUL 14	1459.382 ON JUL 14	1443.051 ON OCT 8	1976
1977	1449.934 AT 1500 MST ON DEC 31	1449.926 ON DEC 31	1443.218 ON JUL 12	1977
1978	1459.308 AT 0000 MST ON JUL 1	1459.306 ON JUN 30	1442.317 ON NOV 6	1978
1979	1457.520 AT 1830 MDT ON JUL 8	1457.511 ON JUL 8	1442.015 ON SEP 13	1979
1980	1459.352 AT 1330 MDT ON JUL 1	1459.349 ON JUL 1	1441.980 ON APR 12	1980
1981	1459.482 AT 2400 MDT ON JUL 7	1459.482 ON JUL 7 *	1442.055 ON APR 19	1981
1982	1453.613 AT 1900 MDT ON JUL 3	1453.586 ON JUL 3	1443.109 ON AUG 1	1982
1983	1453.873 AT 2100 MDT ON JUN 25	1453.866 ON JUN 25	1443.322 ON APR 17	1983

WATER LEVELS REFERRED TO UNITED STATES RECLAMATION SERVICE DATUM
APPLY 2.880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LESSER SLAVE LAKE AT DOG ISLAND - STATION NO. 07BJ005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	576.838	576.941	576.886	---	576.561	---	576.383	---	1915
1916	576.376	576.350	576.304	576.274	576.459	576.639	576.741	576.886	576.828	576.409	576.348	576.213	576.444	1916
1917	576.281	576.258	576.239	576.215	576.394	576.646	576.887	576.752	576.559	576.417	576.354	---	---	1917
1918	---	576.355	576.344	---	576.185	576.281	576.436	576.481	576.319	576.222	576.148	576.038	---	1918
1919	576.023	576.018	575.943	575.880	576.043	576.516	576.851	576.807	576.787	576.853	576.885	576.885	576.404	1919
1920	576.851	576.836	576.481	576.421	576.888	577.741	578.088	577.978	577.888	---	---	---	---	1920
MEAN	576.303	576.302	576.256	576.200	576.398	576.828	576.934	576.842	576.811	576.446	576.358	576.306	576.424	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 19 00 N DRAINAGE AREA, 13 800 km²
LONG 114 49 00 W

LESSER SLAVE LAKE AT DOG ISLAND - STATION NO. 07BJ005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1915	..	...	...	1915
1916	...	578.848 ON AUG 10	578.130 ON DEC 6	1916
1917	...	...	...	1917
1918	...	...	...	1918
1919	...	577.029 ON JUL 16	575.862 ON APR 19 *	1919
1920	...	578.135 ON JUL 1 *	578.413 ON APR 9	1920

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LESSER SLAVE LAKE AT FAUST - STATION NO. 07BJ002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	...	...	...	...	578.871	578.019	578.906	578.515	578.335	578.198	...	...	...	1961
1962	...	...	...	...	578.858	577.175	577.191	577.149	576.941	576.860	...	...	...	1962
1963	...	...	...	...	577.319	577.515	577.424	577.387	577.218	577.032	...	...	...	1963
1964	...	...	...	...	578.774	578.924	578.987	577.450	577.852	577.613	...	...	...	1964
1965	...	...	...	...	577.832	578.080	578.187	578.080	578.012	...	...	...	...	1965
1966	...	...	...	...	...	577.450	577.308	...	577.128	577.005	...	...	...	1966
1967	...	...	...	...	...	578.894	578.800	...	578.462	578.284	...	...	...	1967
1968	...	...	...	...	578.180	578.274	578.339	578.262	578.203	578.108	...	...	...	1968
1969	...	...	...	...	578.150	578.148	578.040	578.983	578.980	...	...	...	...	1969
1970	...	...	...	...	578.312	578.440	...	578.839	578.534	578.484	...	...	...	1970
1971	...	...	...	...	578.654	578.808	...	577.681	577.481	577.291	...	...	...	1971
1972	...	...	...	...	577.207	577.288	...	...	...	...	...	...	...	1972
1973	...	...	...	...	...	577.253	...	...	577.317	...	...	...	...	1973
1974	...	...	...	...	...	577.890	...	577.852	577.714	...	...	...	...	1974
1975	...	...	...	...	...	...	...	...	...	...	...	...	...	1975
1976	...	...	...	...	...	...	...	577.753	...	577.803	...	...	...	1976
1977	...	...	...	...	577.618	577.985	578.125	578.093	577.951	577.733	...	...	...	1977
1978	...	...	...	...	577.312	577.419	577.402	577.230	577.218	577.207	...	...	...	1978
1979	...	...	...	...	577.098	577.815	578.220	578.255	578.051	577.783	...	...	...	1979
1980	...	...	...	...	577.052	577.088	578.980	578.813	578.858	578.829	...	...	...	1980
1981	...	...	...	...	578.642	578.635	578.587	578.484	578.280	578.114	...	...	...	1981
1982	...	...	...	...	578.103	578.198	578.184	...	...	578.198	...	...	...	1982
1983	...	...	...	575.855	578.840	578.810	578.487	577.041	578.929	578.775	...	...	...	1983
MEAN	...	...	...	575.855	578.754	578.999	577.048	577.220	577.088	578.000	...	...	...	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 19 15 N DRAINAGE AREA, 13 600 km²
LONG 115 37 25 W NATURAL FLOW

LESSER SLAVE LAKE AT FAUST - STATION NO. 07BJ002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1961	...	...	...	1961
1962	...	...	...	1962
1963	...	...	...	1963
1964	...	...	...	1964
1965	...	...	...	1965
1966	...	...	...	1966
1967	...	...	...	1967
1968	...	...	...	1968
1969	...	...	...	1969
1970	...	...	...	1970
1971	...	...	...	1971
1972	...	577.455 ON JUL 17	...	1972
1973	...	...	...	1973
1974	...	...	...	1974
1975	...	577.535 ON AUG 4	...	1975
1976	...	577.971 ON SEP 13	577.172 ON MAY 2 *	1976
1977	...	578.212 ON JUL 20 *	...	1977
1978	...	577.480 ON JUL 4	...	1978
1979	...	...	...	1979
1980	...	577.130 ON JUN 15	...	1980
1981	...	...	...	1981
1982	...	...	...	1982
1983	...	577.075 ON AUG 15	...	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LESSER SLAVE LAKE AT SAWRIDGE - STATION NO. 07BK010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	578.858	578.690	578.792	578.820	578.437	578.320	578.285	---	1915
1916	578.288	578.255	578.228	578.180	578.400	578.497	578.827	578.883	578.383	578.287	578.184	578.184	578.334	1916
1917	578.102	578.135	578.143	578.072	578.341	578.758	578.795	578.855	578.420	578.388	578.139	578.083	578.323	1917
1918	578.101	578.185	578.153	578.083	578.083	578.158	578.285	578.296	578.130	578.020	578.907	578.822	578.107	1918
1919	578.908	578.874	578.845	578.787	578.950	578.418	578.784	578.785	578.714	578.538	578.437	578.432	578.281	1919
1920	578.618	578.425	578.374	578.288	578.808	577.828	577.938	577.902	577.784	577.738	577.693	577.475	577.201	1920
1921	577.410	577.338	577.231	577.157	577.224	577.310	577.331	577.250	577.183	578.878	578.814	578.736	577.181	1921
1922	578.884	578.638	578.610	578.535	578.787	578.902	578.813	578.822	578.429	578.312	578.240	578.210	578.588	1922
1923	---	578.178	578.150	578.085	578.251	578.388	578.478	578.435	578.278	578.085	578.985	578.871	---	1923
1924	578.834	578.882	578.878	578.845	578.883	578.920	578.944	578.014	578.108	578.052	578.023	578.991	578.948	1924
1925	578.984	578.978	578.984	578.078	578.406	578.544	578.487	---	578.311	578.188	578.133	578.137	---	1925
1926	578.134	578.108	578.987	578.010	578.288	578.854	578.894	578.682	578.427	578.447	578.388	578.388	578.333	1926
1927	578.345	578.393	578.281	578.208	---	---	---	577.800	577.388	577.225	577.042	578.982	---	1927
1928	578.824	578.838	578.725	578.684	578.800	577.009	578.982	578.833	578.848	578.538	578.334	578.285	578.725	1928
1929	578.288	578.228	578.201	578.147	578.411	578.888	578.847	578.732	578.838	---	578.507	578.433	---	1929
1930	578.388	578.388	578.318	578.311	578.587	577.308	577.824	577.388	577.173	578.954	578.802	578.771	578.831	1930
1931	578.714	578.804	578.811	578.417	---	---	578.885	578.571	578.515	578.398	---	---	---	1931
1932	---	---	---	---	---	---	---	---	578.483	578.198	---	577.987	---	1932
1933	577.825	577.718	577.577	577.498	578.110	578.222	578.287	578.087	577.893	577.823	577.680	577.585	577.858	1933
1934	577.512	577.421	577.304	577.228	577.483	577.598	577.403	577.241	577.172	---	578.814	578.748	---	1934
1935	578.880	578.808	---	578.441	578.458	578.328	578.270	---	---	575.820	575.707	575.711	---	1935
1936	575.735	575.714	575.781	575.805	575.873	575.855	575.948	575.782	575.818	575.538	575.857	575.712	575.772	1936
1937	575.732	575.645	575.591	575.578	575.888	576.104	576.024	575.933	575.728	---	---	---	---	1937
1938	---	---	575.788	---	575.708	575.885	576.451	576.446	---	---	---	576.071	---	1938
1939	576.118	576.127	576.112	576.158	576.808	577.171	577.174	577.108	576.934	---	---	---	---	1939
MEAN	578.430	578.387	578.305	578.300	578.508	578.742	578.801	578.758	578.738	578.591	578.434	578.452	578.573	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 18 00 N
LONG 114 48 00 W

DRAINAGE AREA, 13 800 km²

LESSER SLAVE LAKE AT SAWRIDGE - STATION NO. 07BK010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1915	---	---	---	1915
1916	---	578.781 ON JUL 13	575.907 ON NOV 12	1916
1917	---	578.974 ON JUL 19	575.884 ON JAN 11	1917
1918	---	578.458 ON AUG 24	575.812 ON NOV 10	1918
1919	---	578.959 ON JUL 17	575.749 ON APR 4	1919
1920	---	578.004 ON AUG 3	578.258 ON APR 18	1920
1921	---	577.523 ON JAN 5	576.888 ON NOV 28	1921
1922	---	578.985 ON MAY 28	578.121 ON NOV 23	1922
1923	---	---	---	1923
1924	---	578.258 ON SEP 2	575.770 ON APR 26	1924
1925	---	---	---	1925
1926	---	578.982 ON JUN 27	575.938 ON APR 10	1926
1927	---	---	---	1927
1928	---	577.081 ON JUN 30	575.938 ON NOV 5	1928
1929	---	---	---	1929
1930	---	577.721 ON JUL 15	576.243 ON APR 6	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	578.312 ON MAY 21 *	577.441 ON APR 11	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	578.087 ON MAY 22	575.493 ON OCT 11 *	1936
1937	---	578.138 ON JUN 14	575.508 ON JUL 13	1937
1938	---	---	---	1938
1939	---	577.322 ON JUL 4	576.014 ON APR 14	1939

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LESSER SLAVE LAKE AT SLAVE LAKE - STATION NO. 07BJ005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	577.013	576.881	577.287	577.803	578.415	578.398	578.188	577.922	577.727	577.587	---	1979
1980	577.487	577.394	577.284	577.198	577.207	577.214	577.173	577.078	577.017	576.981	576.857	576.808	577.142	1980
1981	576.788	576.713	576.633	576.840	576.806	576.818	576.734	576.594	576.378	576.222	576.110	576.103	576.542	1981
1982	---	576.084	576.080	576.043	576.180	---	---	576.585	576.488	576.380	576.241	---	---	1982
1983	---	---	576.747	---	---	---	578.488	577.041	576.928	---	---	---	---	1983
MEAN	577.133	576.734	576.851	576.716	576.870	577.278	577.203	577.134	576.999	576.878	576.734	576.833	576.842	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 18 15 N
LONG 114 46 15 W

DRAINAGE AREA, 13 800 km²
NATURAL FLOW

LESSER SLAVE LAKE AT SLAVE LAKE - STATION NO. 07BJ005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	578.523 ON AUG 1 *	---	1979
1980	---	577.634 ON JAN 5	578.738A ON NOV 26	1980
1981	---	576.807 ON JUL 8	578.888E ON OCT 27 *	1981
1982	---	576.634 ON AUG 18	---	1982
1983	---	577.141 ON AUG 12	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LOWER KANANASKIS LAKE - STATION NO. 05BF009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	1885.808	---	---	---	---	---	---	---	1955
1956	---	---	---	---	1884.814	---	---	---	---	---	---	---	---	1956
1969	1886.67	1885.13	1858.82	1854.04	1856.22	1859.24	1862.53	1868.19	1868.86	1868.90	1868.88	1868.87	1862.92	1969
1970	1868.80	1885.28	1858.80	1853.74	1854.02	1859.20	1863.38	1868.43	1868.82	1868.84	1868.77	1868.30	1862.74	1970
1972	1868.82	1885.84	---	---	---	---	1865.13	1868.28	1868.28	1868.52	1868.87	1868.38	---	1972
1973	1885.86	---	---	---	---	---	1884.18	1885.38	1885.86	1868.14	1868.18	1868.34	---	1973
1974	1868.28	1885.77	1858.90	1853.88	1855.18	1860.27	1864.97	1865.87	1868.03	1885.85	1885.87	1868.48	1862.82	1974
1975	1868.28	1885.86	1858.10	1853.72	1854.88	1858.88	1862.74	1864.72	1885.83	1868.02	1868.22	1868.80	1862.81	1975
1976	1868.84	1885.28	1858.30	1853.90	1856.20	1860.11	1863.86	1865.21	1885.31	1885.03	1885.71	1882.81	1862.81	1976
1977	1885.44	1885.28	1862.37	1860.70	1859.30	1861.82	1863.32	1864.70	1885.88	1868.02	1885.22	1885.02	1863.72	1977
1978	1868.33	R1884.88	R1858.73	R1884.31	R1885.88	R1860.38	R1864.33	R1864.85	R1885.80	R1868.00	R1868.07	R1885.87	R1862.78	R 1978
1979	1885.83	1868.12	1861.08	1858.31	1854.80	1859.42	1862.80	1863.74	1863.03	1863.34	1864.38	1885.48	1862.10	1979
1980	1885.253	1863.383	1860.284	1857.255	1861.828	1864.077	1864.828	1885.089	1864.371	1868.310	1868.072	1885.887	1863.728	1980
1981	1863.47	1858.01	1854.23	1854.93	1857.20	1862.17	1864.38	1885.48	1885.88	1868.34	1868.23	1868.12	1861.81	1981
1982	1868.04	1864.61	1861.22	1855.84	1854.73	1858.84	1862.87	1864.38	1885.28	1868.11	1868.70	1868.80	1862.63	1982
1983	1885.72	1885.13	1860.85	1854.72	1854.78	1858.87	1862.84	1864.89	1885.31	1885.72	1868.84	1868.28	1862.76	1983
MEAN	1885.004R	1864.418R	1859.384R	1855.279R	1856.123R	1860.007R	1863.868R	1865.055R	1885.583R	1885.959R	1868.042R	1868.151R	1862.787R	MEAN

WATER LEVELS REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 41 20 N, LONG 115 07 30 W DRAINAGE AREA, 359 km² REGULATED DATA CONTRIBUTED BY - TRANSALTA UTILITIES CORPORATION R - REVISED SINCE JAN 1980

LOWER KANANASKIS LAKE - STATION NO. 05BF009

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1955	---	---	---	1955
1956	---	---	---	1956
1969	---	1868.98 ON DEC 1 *	1853.88 ON APR 11	1969
1970	---	1868.95 ON SEP 13	1853.54 ON APR 8	1970
1972	---	1868.92 ON FEB 13	1853.84 ON APR 4	1972
1973	---	---	---	1973
1974	---	1868.59 ON JAN 1	1853.80 ON APR 19	1974
1975	---	1868.95 ON DEC 22	1853.61 ON APR 4 *	1975
1976	---	1868.92 ON JAN 1	1853.83 ON APR 8	1976
1977	---	1868.37 ON OCT 1	1858.88 ON MAY 3	1977
1978	---	1868.84 R ON JAN 15	1854.17 R ON APR 8	1978
1979	---	1868.07 ON JAN 28	1854.08 ON MAY 3	1979
1980	---	1868.890 ON OCT 19	1858.253 ON APR 11	1980
1981	1868.43 ON OCT 31 *	1868.43 ON OCT 31	1853.84 ON FEB 26	1981
1982	---	1868.88 ON DEC 3	1853.81 ON APR 30	1982
1983	---	1868.77 ON JAN 24	1853.75 ON APR 15	1983

WATER LEVELS REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MAMAWI LAKE CHANNEL AT OLD DOG CAMP - STATION NO. 07KF003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	208.805	208.987	---	---	---	---	---	---	1971
1972	---	---	---	---	---	208.748R	208.807R	208.787R	---	---	---	208.395R	---	1972
1973	209.339R	208.858R	208.418R	208.742R	---	208.428R	208.880R	---	210.002R	210.030R	210.088R	210.111R	---	1973
1974	210.120R	210.137R	210.141R	210.134R	211.018R	210.784R	210.801R	210.682R	210.223R	209.768R	209.308R	209.109R	210.148R	1974
1975	208.758	---	208.272	208.205	208.134	208.180	208.281	208.222	---	208.137	208.011	---	---	1975
1976	---	---	---	---	208.027	---	---	208.381	208.381	---	208.088	---	---	1976
1977	---	---	---	208.851	208.134	208.514	208.672	208.704	208.588	208.484	208.271	---	---	1977
1978	---	208.774	208.473	208.277	208.185	208.303	208.320	208.222	208.180	208.282	208.145	---	---	1978
1979	---	---	208.189	207.688	208.380	208.772	208.822	208.670	208.384	208.138	208.889	208.715	---	1979
1980	---	---	---	207.854	208.513	208.584	208.617	208.578	208.571	208.504	---	---	---	1980
1981	---	---	207.535	---	---	208.804	208.853	208.548	208.285	207.882	207.711	---	---	1981
1982	---	---	---	208.846	---	---	---	208.902	208.778	208.634	208.305	208.278	---	1982
1983	---	207.322	208.984	207.288	208.518	208.537	208.935	209.110	208.900	208.858	208.443	208.198	---	1983
MEAN	209.405R	208.808R	208.288R	208.163R	209.238R	209.295R	209.400R	209.328R	209.233R	209.059R	208.923R	208.858R	210.148R	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 38 00 N
LONG 111 20 00 W REGULATED SINCE 1967

DATA CONTRIBUTED BY - ALBERTA DEPARTMENT OF THE ENVIRONMENT

R - REVISED SINCE JAN 1980

MAMAWI LAKE CHANNEL AT OLD DOG CAMP - STATION NO. 07KF003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	211.370R ON MAY 3 *	208.133R ON MAY 8	1974
1975	---	209.331 ON JUL 7	207.950 ON APR 16	1975
1976	---	---	---	1976
1977	---	209.778 ON AUG 30	---	1977
1978	---	209.410 ON JUL 18	208.124 ON APR 5	1978
1979	---	209.881 ON JUL 13	207.514 ON APR 14	1979
1980	---	208.841 ON MAY 24	207.002 ON APR 4	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	209.253 ON AUG 7	208.808 ON APR 3 *	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MARIE LAKE NEAR COLD LAKE - STATION NO. 05AC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	573.662	573.631	573.592	573.700	573.787	---	---	---	1980
1981	---	---	---	---	573.693	573.681	573.670	573.628	573.543	573.478	---	---	---	1981
1982	---	---	---	573.571	573.598	573.667	573.688	573.694	573.641	---	---	---	---	1982
1983	---	---	573.552	573.562	573.588	573.602	573.644	573.621	573.573	573.513	---	---	---	1983
MEAN	---	---	573.552	573.567	573.629	573.648	573.658	573.659	573.614	573.585	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 35 35 N
LONG 110 18 15 W

DRAINAGE AREA, 478 km²

MARIE LAKE NEAR COLD LAKE - STATION NO. 05AC005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	---	---	1980
1981	---	---	---	1981
1982	573.736 AT 1658 MST ON AUG 5 *	573.722 ON AUG 5 *	---	1982
1983	---	573.665 ON AUG 3	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MILK RIVER AT HIGHWAY NO. 880 - STATION NO. 11AA036

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	880.058	880.098	880.117	879.690	879.631	879.581	---	---	---	1982
1983	---	---	879.927	880.028	879.988	880.108	880.122	880.101	879.734	879.634	---	---	---	1983
MEAN	---	---	879.927	880.028	880.013	880.101	880.120	879.896	879.676	879.588	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 08 44 N
LONG 111 18 18 W

REGULATED SINCE 1918

MILK RIVER AT HIGHWAY NO. 880 - STATION NO. 11AA030

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	880.290 AT 2255 MST ON MAY 29 *	880.388 ON MAY 30 *	---	1982
1983	880.155 AT 1805 MST ON JUL 8	880.148 ON JUL 4	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MILK RIVER RIDGE RESERVOIR - STATION NO. 05AF030

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	1021.888	1021.596	1022.129	1022.732	1022.847	1032.830	1021.233	---	---	---	1976
1977	---	---	1021.202	1021.189	1021.898	1021.818	1020.827	1018.302	1017.478	1018.904	---	---	---	1977
1978	---	---	1018.288	1018.540	1021.748	1022.143	1022.091	1022.364	1021.995	1021.185	---	---	---	1978
1979	---	---	---	1022.135	1022.311	1022.181	1021.588	1019.917	1018.083	1018.205	---	---	---	1979
1980	---	---	1020.738	1020.823	1021.598	1022.118	1022.510	1022.509	1021.582	1021.312	---	---	---	1980
1981	---	---	1021.234	1021.247	1022.288	1022.380	1021.916	1022.050	1021.807	1022.171	---	---	---	1981
1982	---	---	---	1021.805	---	---	1022.138	1020.588	---	---	---	---	---	1982
1983	---	---	1018.570	1018.848	1022.008	1022.081	1023.378	1022.158	1021.130	1020.434	---	---	---	1983
MEAN	---	---	1018.008	1020.859	1021.920	1022.133	1021.882	1021.480	1020.388	1020.081	---	---	---	MEAN

WATER LEVELS REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 9.741 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 23 00 N DRAINAGE AREA, 180 km²
LONG 112 38 39 W REGULATED

MILK RIVER RIDGE RESERVOIR - STATION NO. 05AF030

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	1023.113 AT 0050 MST ON AUG 7 *	1023.104 ON AUG 7 *	1020.839 ON OCT 19 *	1976
1977	1022.378 AT 1230 MST ON JUN 1	1022.380 ON JUN 3	---	1977
1978	1022.888 AT 1810 MST ON AUG 2	1022.877 ON AUG 2	---	1978
1979	1022.455 AT 1430 MST ON MAY 15	1022.438 ON MAY 15	---	1979
1980	---	1022.747A ON AUG 14	---	1980
1981	1022.776 AT 1155 MST ON JUN 18	1022.744 ON JUN 18	---	1981
1982	1022.533 AT 1840 MST ON JUN 6	1022.528 ON JUN 6	---	1982
1983	1022.486 AT 0700 MST ON JUL 21	1022.484 ON JUL 21	---	1983

WATER LEVELS REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 9.741 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MINISTIK LAKE NEAR NEW SAREPTA - STATION NO. 05EB013

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	758.817	758.788	758.780	---	---	---	---	1975
1976	---	---	---	---	758.748	758.888	758.857	758.857	758.888	---	---	---	---	1976
1977	---	---	---	---	---	758.745	758.874	758.855	---	---	---	---	---	1977
1978	---	---	---	---	758.884	758.882	758.877	758.823	758.888	758.741	---	---	---	1978
1979	---	---	---	---	---	758.877	758.832	758.848	758.888	758.858	---	---	---	1979
1980	---	---	---	---	758.928	758.894	758.872	758.841	757.058	757.014	---	---	---	1980
1981	---	---	---	---	758.873	758.902	758.871	758.827	758.782	758.740	---	---	---	1981
1982	---	---	---	---	---	758.848	758.873	758.844	---	---	---	---	---	1982
1983	---	---	---	---	---	758.844	757.078	758.841	758.808	758.884	---	---	---	1983
MEAN	---	---	---	---	758.833	758.808	758.817	758.783	758.831	758.847	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 18 47 N DRAINAGE AREA, 80.3 km²
LONG 113 03 20 W

MINISTIK LAKE NEAR NEW SAREPTA - STATION NO. 05EB013

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	758.818 ON MAY 30	---	1977
1978	---	758.780 ON OCT 1	---	1978
1979	---	758.882 ON JUL 31	---	1979
1980	757.110 AT 1400 MST ON AUG 29	757.104 ON AUG 28	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	757.148 AT 1850 MST ON JUL 8 *	757.144 ON JUL 9 *	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MIQUELON LAKE AT PROVINCIAL PARK - STATION NO. 05EB014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	782.653	782.656	---	---	---	---	1972
1973	---	---	---	---	782.743	782.715	---	782.788	782.765	782.736	---	---	---	1973
1974	---	---	---	---	783.210	---	---	783.215	783.154	---	---	---	---	1974
1975	---	---	---	---	---	783.159	---	---	783.055	---	---	---	---	1975
1976	---	---	---	---	---	782.946	---	782.888	782.904	782.863	---	---	---	1976
1977	---	---	---	---	---	783.928	782.840	782.814	782.787	782.751	---	---	---	1977
1978	---	---	---	---	---	---	782.232	782.119	782.231	782.281	---	---	---	1978
MEAN	---	---	---	---	782.977	782.937	782.536	782.752	782.793	782.658	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 14 42 N DRAINAGE AREA, 38.3 km²
LONG 112 53 25 W

MIQUELON LAKE AT PROVINCIAL PARK - STATION NO. 05EB014

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	783.301 ON JUL 14 *	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	782.976 ON MAY 30	---	1977
1978	---	782.314 ON JUN 9	---	1978

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOORE LAKE NEAR COLD LAKE - STATION NO. 05AC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	549.548	549.538	549.513	---	---	---	1980
1981	---	---	---	---	549.555	549.526	549.524	549.505	549.426	549.375	---	---	---	1981
1982	---	---	---	---	---	549.494	549.515	---	549.483	---	---	---	---	1982
1983	---	---	549.526	549.505	549.518	549.538	549.584	549.536	549.471	549.420	---	---	---	1983
MEAN	---	---	549.526	549.505	549.537	549.519	549.544	549.530	549.480	549.436	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 30 00 N DRAINAGE AREA, 42.2 km²
LONG 110 34 00 W

MOORE LAKE NEAR COLD LAKE - STATION NO. 05AC002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	---	---	1980
1981	---	---	---	1981
1982	549.551 AT 1708 MST ON JUL 5 *	549.534 ON JUL 20	---	1982
1983	---	549.609 ON JUL 25 *	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MURIEL LAKE AT GURNEYVILLE - STATION NO. 05AC007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	559.654	---	---	559.634	---	---	---	1981
1982	---	---	---	---	---	559.700	559.701	559.682	559.525	559.542	559.488	559.507	---	1982
1983	559.521	559.532	---	---	559.539	559.509	559.580	559.508	559.438	559.394	559.391	559.389	---	1983
MEAN	559.521	559.532	---	---	559.539	559.605	559.705	559.595	559.532	559.523	559.444	559.453	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 08 15 N DRAINAGE AREA, 484 km²
LONG 110 45 05 W NATURAL FLOW

MURIEL LAKE AT GURNEYVILLE - STATION NO. 05AC007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	559.580 ON JUL 9 *	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE - STATION NO. 05DE005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	3.702	3.550	---	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	3.388	---	---	---	---	1979
1980	---	---	---	---	---	---	---	2.818	2.727	---	---	---	---	1980
1981	---	---	---	---	3.388	2.979	3.498	3.465	2.778	---	---	---	---	1981
1982	---	---	---	---	2.818	3.082	3.719	2.531	---	2.810	---	---	---	1982
1983	---	---	---	---	2.831	---	2.834	2.372	---	---	---	---	---	1983
MEAN	---	---	---	---	2.938	3.248	3.400	2.794	2.630	2.810	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 784.880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 03 05 N DRAINAGE AREA, 20 500 km²
LONG 115 12 33 W REGULATED SINCE 1950

REMARKS - UNPUBLISHED WATER LEVELS ARE AVAILABLE FROM THE REGIONAL OFFICE

NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE - STATION NO. 05DE005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	4.838 AT 1520 MST ON JUL 12	4.428 ON JUL 12	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	5.029 AT 2330 MST ON JUL 25	4.881 ON JUL 26	---	1981
1982	5.751 AT 1925 MST ON MAY 2 *	5.317 ON MAY 1 *	---	1982
1983	3.702 AT 1355 MST ON JUN 25	3.385 ON JUL 5	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 784.880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PADDLE RIVER AT HIGHWAY NO. 754 - STATION NO. 07BB013

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	4.404	5.788	4.329	---	---	---	4.421	4.181	---	---	---	1980
1981	---	---	---	5.021	4.495	4.582	4.188	4.130	---	---	---	---	---	1981
1982	---	---	---	5.504	---	4.128	4.843	4.201	4.138	4.047	---	---	---	1982
1983	---	---	4.328	4.880	4.181	4.282	5.090	4.008	3.918	3.950	---	---	---	1983
MEAN	---	---	4.316	5.323	4.328	4.330	4.741	4.113	4.159	4.059	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 54 02 54 N DRAINAGE AREA, 1 720 km²
LONG 114 40 12 W NATURAL FLOW

PADDLE RIVER AT HIGHWAY NO. 754 - STATION NO. 07BB013

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	7.235 ON JUN 19	---	1980
1981	7.370 AT 0310 MST ON MAR 18	7.310 ON MAR 18	---	1981
1982	8.442 AT 1800 MST ON APR 28 *	8.422 ON APR 28 *	---	1982
1983	7.494 AT 0305 MST ON JUL 11	7.291 ON JUL 11	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PADDLE RIVER NEAR SANGUDO - STATION NO. 07BB012

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	3.511	4.358	2.678	4.382	3.118	2.895	3.041	---	---	---	---	1980
1981	---	---	---	3.392	3.022	3.109	2.689	---	3.268	---	---	---	---	1981
1982	---	---	---	4.041	3.184	---	---	2.438	---	---	---	---	---	1982
1983	---	---	---	---	2.389	2.504	3.718	---	---	---	---	---	---	1983
MEAN	---	---	3.511	3.897	2.858	3.338	3.168	2.717	3.655	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 53 57 28 N DRAINAGE AREA, 1 170 km²
LONG 114 53 36 W REGULATED SINCE 1964

PADDLE RIVER NEAR SANGUDO - STATION NO. 07BB012

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	6.147 ON JUN 19	---	1980
1981	6.808 AT 1840 MST ON JUN 2	6.804 ON JUN 2	---	1981
1982	---	6.593 ON APR 24 *	---	1982
1983	8.328 AT 1835 MST ON JUL 10 *	8.117 ON JUL 10	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PAKOWKI LAKE NEAR ETZIKOM - STATION NO. 05AF020

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	1924
1926	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	1926
1928	---	---	---	---	---	---	---	---	---	---	---	---	---	1928
1929	---	---	---	---	---	---	---	---	---	---	---	---	---	1929
1930	---	---	---	---	---	---	---	---	---	---	---	---	---	1930
MEAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 49 22 00 N
LONG 111 02 00 W
DRAINAGE AREA, 5 320 km²
REGULATED

PAKOWKI LAKE NEAR ETZIKOM - STATION NO. 05AF020

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1924	---	DRY ON JAN 1 *	DRY ON JAN 1 *	1924
1926	---	DRY ON JAN 1	DRY ON JAN 1	1926
1928	28.404 IN JUN	---	---	1928
1929	28.197 IN JUN	---	---	1929
1930	28.508 IN JUN *	---	---	1930

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEACE RIVER AT FORT VERMILION - STATION NO. 07HF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	5.098	5.757	5.296	3.470	3.942	3.259	---	---	---	1979
1980	---	---	---	---	3.306	4.442	3.837	3.104	3.784	3.882	---	---	---	1980
1981	---	---	---	---	5.493	4.719	3.518	3.461	3.343	3.828	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	4.309	4.485	5.456	4.258	3.929	3.736	---	---	---	1983
MEAN	---	---	---	---	4.802	4.851	4.777	3.573	3.842	3.645	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 243.508 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 23 15 N
LONG 118 02 08 W
DRAINAGE AREA, 223 000 km²
REGULATED SINCE 1968

PEACE RIVER AT FORT VERMILION - STATION NO. 07HF001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	8.450 ON MAY 11 *	---	1979
1980	---	5.450E ON JUN 9	---	1980
1981	8.103 AT 1330 MST ON MAY 31	8.085 ON MAY 31	---	1981
1982	8.002 AT 0700 MST ON JUL 18 *	7.877A ON JUL 19	---	1982
1983	7.913 AT 2200 MST ON JUL 18	7.841 ON JUL 20	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 243.508 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES - STATION NO. 07KC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	209.800	209.070	208.033	207.828	208.348	---	---	1972
1973	---	---	208.150	---	---	---	---	208.714	208.244	208.000	207.825	---	---	1973
1974	---	---	207.438	---	---	---	209.551	209.055	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	207.388	207.773	207.458	207.888	---	---	1975
1976	---	207.805	207.588	---	---	208.884	208.473	208.550	208.638	208.227	208.039	---	---	1976
1977	---	208.183	207.388	---	---	208.826	208.263	208.656	207.822	208.084	208.018	---	---	1977
1978	208.743	---	---	---	---	208.883	207.818	207.338	207.628	207.818	207.848	---	---	1978
1979	208.370	---	207.808	207.188	---	208.887	208.481	207.887	207.640	207.271	207.432	208.481	---	1979
1980	208.388	207.805	207.122	207.088	208.838	207.818	207.318	208.911	207.288	207.538	207.101	---	---	1980
1981	---	208.817	207.443	208.282	---	208.228	207.042	208.888	208.881	208.783	---	---	---	1981
1982	---	---	208.878	207.008	---	208.185	208.088	207.823	207.873	207.370	---	---	---	1982
1983	---	208.324	208.152	208.523	208.388	207.858	208.353	208.448	207.718	207.428	207.148	207.586	---	1983
MEAN	208.483	207.427	207.308	207.217	207.598	208.877	208.717	208.188	207.728	207.818	207.738	208.018	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 54 00 N
LONG 111 35 00 W REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES - STATION NO. 07KC005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	210.408 ON JUN 18 *	---	1978
1979	---	209.428 ON MAY 9	207.075 ON SEP 6	1979
		---	208.731 ON NOV 5	
1980	---	---	---	1980
1981	---	208.888 ON JUN 13	208.498 ON MAR 22	1981
1982	---	---	208.213 ON SEP 2	1982
1983	---	208.997 ON JUL 22	---	1983
		210.188 ON JUL 22	208.848 ON APR 15 *	

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PIGEON LAKE AT GRANDVIEW - STATION NO. 05FA013

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	848.820	848.835	848.788	---	---	---	---	1972
1973	---	---	---	---	848.818	848.934	---	850.082	850.010	[illegible].988	---	---	---	1973
1974	---	---	---	---	---	850.421	850.448	850.380	850.317	850.283	---	---	---	1974
1975	---	---	---	---	---	850.338	850.298	850.205	850.182	---	---	---	---	1975
1976	---	---	---	---	850.122	850.102	850.070	850.050	850.034	---	---	---	---	1976
1977	---	---	---	---	850.048	850.118	850.052	850.040	850.008	---	---	---	---	1977
1978	---	---	---	---	850.030	850.087	850.050	850.018	850.047	850.058	---	---	---	1978
1979	---	---	---	---	---	850.281	850.267	---	850.189	850.107	---	---	---	1979
1980	---	---	---	---	850.173	---	---	---	850.429	850.408	---	---	---	1980
1981	---	---	---	---	850.447	850.458	850.481	850.573	850.438	850.338	---	---	---	1981
1982	---	---	---	---	850.344	850.388	850.414	---	850.274	---	---	---	---	1982
MEAN	---	---	---	---	850.188	850.321	850.211	850.145	850.150	850.188	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 58 15 N
LONG 114 03 10 W

DRAINAGE AREA, 284 km²
NATURAL FLOW

PIGEON LAKE AT GRANDVIEW - STATION NO. 05FA013

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	850.383 ON JUN 8	---	1976
1977	---	---	---	1977
1978	---	850.200 ON MAY 28	---	1978
1979	---	850.093 ON MAY 31	---	1979
		850.287 ON JUL 31	---	
1980	---	---	---	1980
1981	---	850.731 ON JUL 30 *	---	1981
1982	---	850.488 ON JUL 4	---	1982

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PRIMROSE LAKE AT R.C.A.F. TESTING STATION - STATION NO. 09AF003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	598.902	---	598.682	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	598.768	---	---	---	1958
MEAN	---	---	---	---	---	---	598.902	---	598.682	598.768	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 48 30 N
LONG 110 03 40 W
DRAINAGE AREA, 3 440 km²

RED DEER RIVER AT FORESTRY ROAD - STATION NO. 05CA008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	1.575	1.467	1.355	1.188	1.034	---	---	---	1970
1971	---	---	---	---	---	1.882	1.697	1.527	1.428	1.381	---	---	---	1971
1972	---	---	---	---	1.498	2.093	1.888	1.702	1.513	---	---	---	---	1972
1973	---	---	---	---	---	1.986	1.828	1.789	---	---	---	---	---	1973
1974	---	---	---	---	---	---	2.052	---	1.718	---	---	---	---	1974
1975	---	---	---	---	1.858	1.875	2.025	1.895	1.680	1.500	---	---	---	1975
1976	---	---	---	---	1.680	1.988	2.088	---	---	---	---	---	---	1976
1977	---	---	---	---	1.878	1.907	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	2.090	2.011	---	---	---	---	---	---	1978
MEAN	---	---	---	---	1.681	1.972	1.895	1.686	1.497	1.288	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 39 24 N
LONG 115 15 10 W
DRAINAGE AREA, 1 660 km²
NATURAL FLOW

RED DEER RIVER AT FORESTRY ROAD - STATION NO. 05CA008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	2.780 ON JUN 18 *	---	1970
1971	---	2.252 ON JUN 6	---	1971
1972	---	2.417 ON JUN 24	---	1972
1973	---	2.265 ON JUN 24	---	1973
1974	---	2.459 ON JUN 21	---	1974
1975	---	2.210 ON JUL 14	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	2.405 ON JUN 24	---	1978

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED DEER RIVER AT SUNDRE - STATION NO. 05CA010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	1.788	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	2.032	---	---	---	---	---	---	1975
1976	---	---	---	---	---	1.350	1.478	1.837	---	---	---	---	---	1976
1977	---	---	---	---	---	1.843	---	---	---	---	---	---	---	1977
1978	---	---	---	---	1.517	1.814	1.783	1.580	---	---	---	---	---	1978
1979	---	---	---	---	---	1.704	---	1.517	1.486	---	---	---	---	1979
1980	---	---	---	---	---	1.022	1.508	1.438	1.312	---	---	---	---	1980
1981	---	---	---	---	1.583	---	1.346	1.303	---	---	---	---	---	1981
1982	---	---	---	---	0.820	1.310	1.302	1.080	0.978	0.884	---	---	---	1982
MEAN	---	---	---	---	1.410	1.648	1.570	1.423	1.252	0.884	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 47 45 N
LONG 114 38 05 W
DRAINAGE AREA, 3 480 km²
NATURAL FLOW

RED DEER RIVER AT SUNDRE - STATION NO. 05CA010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1973	---	2.652 ON MAY 30 *	---	1973
1974	---	2.350 ON JUN 24	---	1974
1975	---	---	---	1975
1976	---	2.398 ON JUL 17	---	1976
1977	---	2.103 ON AUG 10	---	1977
1978	---	---	---	1978
1979	---	2.435 ON JUN 7	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	2.810 ON MAY 31	---	1982
		1.837 ON JUL 31		

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIBSTONE LAKE NEAR HEATH - STATION NO. 05FB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1925	---	---	---	---	---	28.617	28.585	28.520	28.535	---	---	---	---	1925
1926	---	---	---	---	---	28.674	28.684	28.657	28.701	28.688	---	---	---	1926
1927	---	---	---	---	28.293	29.132	29.108	29.023	28.868	28.885	---	---	---	1927
1928	---	---	---	29.198	29.130	28.888	28.719	28.618	28.581	28.562	---	---	---	1928
1929	---	---	---	28.737	28.678	28.495	---	28.388	28.387	28.428	---	---	---	1929
1930	---	---	---	---	28.572	28.562	28.841	28.932	28.981	29.032	---	---	---	1930
MEAN	---	---	---	28.968	28.893	28.724	28.777	28.690	28.689	28.738	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 48 00 N DRAINAGE AREA, 2 520 km²
LONG 110 38 00 W

RICHARDSON LAKE AT THE OUTLET - STATION NO. 07DD008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	210.263	---	---	---	---	---	1975
1976	---	---	---	---	---	209.762	---	210.370	210.582	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	210.214	---	---	---	---	1977
1978	---	---	---	---	---	210.383	210.331	209.826	210.385	---	---	---	---	1978
1979	---	---	---	---	---	---	210.787	210.181	209.755	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	209.567	---	---	---	---	1980
1981	---	---	---	---	---	210.084	209.804	209.822	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	209.810	---	---	---	---	1982
1983	---	---	---	---	---	209.577	210.374	210.342	---	---	---	---	---	1983
MEAN	---	---	---	---	---	209.944	210.317	210.148	210.051	---	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 23 55 N NATURAL FLOW
LONG 110 58 20 W

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

RICHARDSON LAKE AT THE OUTLET - STATION NO. 07DD008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	211.159 ON JUN 10 *	---	1977
1978	---	210.940 ON SEP 23	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	210.947 ON AUG 4	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIVIERE DES ROCHERS ABOVE REVILLON COUPE - STATION NO. 07NA003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	208.748	208.678	---	---	208.884	208.733	---	---	1975
1976	---	208.338	---	---	---	208.898	---	208.368	208.333	---	---	---	---	1976
1977	---	208.522	---	---	---	209.403	209.540	209.499	209.398	209.229	---	---	---	1977
1978	---	---	208.435	208.283	208.920	209.103	209.132	209.070	209.038	---	---	---	---	1978
1979	---	---	---	---	---	209.562	209.640	209.428	209.150	---	---	---	---	1979
1980	208.450	---	208.026	---	208.352	208.448	208.548	208.519	208.499	208.423	---	---	---	1980
1981	---	207.602	207.738	207.672	---	208.655	208.581	208.514	208.324	---	---	---	---	1981
1982	---	---	---	---	---	---	208.778	208.618	208.495	208.555	---	---	---	1982
1983	---	207.893	207.744	207.692	208.287	208.281	208.707	208.921	208.748	208.581	208.317	208.178	---	1983
MEAN	208.450	208.184	207.885	207.949	208.523	208.914	208.975	209.017	208.899	208.728	208.525	208.178	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 50 30 N
LONG 111 15 00 W REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

RIVIERE DES ROCHERS ABOVE REVILLON COUPE - STATION NO. 07NA003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	209.672 ON JUN 18	---	1977
1978	---	209.367 ON SEP 8	208.315 ON APR 13	1978
1979	---	209.895 ON JUL 13 *	208.050 ON APR 28	1979
1980	---	208.633 ON MAY 24	207.828 ON OCT 25 *	1980
1981	---	---	---	1981
1982	---	209.129 ON AUG 3	---	1982
1983	---	209.027 ON JUL 28	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIVIERE DES ROCHERS ABOVE SLAVE RIVER - STATION NO. 07NA001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	208.418	208.677	---	---	---	---	---	---	1960
1971	---	---	---	---	---	---	---	207.518	207.021	---	---	---	---	1971
1972	---	---	---	---	---	---	208.234	208.633	207.735	---	---	---	---	1972
1973	---	---	207.585	---	---	208.847	208.716	208.257	207.820	207.553	---	---	---	1973
1974	---	---	---	---	---	---	208.102	208.707	208.157	---	---	---	---	1974
1975	---	---	---	207.613	---	208.048	207.911	---	---	208.895	---	---	---	1975
1976	---	---	208.915	---	---	208.137	208.703	208.783	208.082	207.842	---	208.730	---	1976
1977	---	207.781	208.943	207.704	208.113	208.817	208.818	208.102	207.934	207.523	207.484	---	---	1977
1978	---	207.854	207.818	---	208.073	208.188	207.338	208.883	---	207.293	207.453	208.368	---	1978
1979	207.825	---	---	208.581	---	---	208.635	207.545	207.188	208.847	208.988	208.180	---	1979
1980	---	207.538	208.708	208.550	208.243	207.102	208.747	208.390	208.885	---	---	---	---	1980
1981	---	---	208.718	207.337	---	207.536	208.504	208.241	208.022	208.145	208.558	---	---	1981
1982	---	207.681	208.624	---	---	207.498	207.350	207.303	208.978	---	---	207.535	---	1982
1983	---	---	208.745	208.632	207.404	207.110	208.388	207.777	207.117	208.625	---	---	---	1983
MEAN	207.825	207.581	208.744	208.038	207.458	208.089	208.257	207.888	207.290	207.090	207.109	208.203	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 59 30 N
LONG 111 24 00 W REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

RIVIERE DES ROCHERS ABOVE SLAVE RIVER - STATION NO. 07NA001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	209.938 ON MAY 3 *	---	1975
1976	---	209.477 ON AUG 24	208.740 ON MAR 13	1976
1977	---	209.382 ON JUN 17	---	1977
1978	---	209.373 ON MAY 8	208.621 ON NOV 10	1978
1979	---	209.391 ON JUN 11	208.236 ON NOV 5	1979
1980	---	208.154 ON JAN 18	208.971 ON MAY 17 *	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	208.935 ON JUL 24	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS - STATION NO. 07NA007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	210.118	---	---	---	---	---	---	1980
1975	---	---	---	---	---	---	---	---	---	208.877	---	---	---	1975
1976	---	208.321	208.207	208.508	208.488	208.932	209.232	209.380	209.280	209.129	208.885	---	---	1976
1977	---	---	208.380	208.533	208.977	209.388	209.502	209.448	209.342	209.185	208.888	---	---	1977
1978	---	---	208.418	---	208.935	---	---	209.031	208.892	---	---	---	---	1978
1979	208.830	---	---	---	---	208.450	---	209.371	209.113	---	208.558	208.550	---	1979
1980	208.480	---	208.042	---	---	208.448	208.558	208.502	208.510	208.434	---	---	---	1980
1981	---	---	---	---	---	208.574	208.558	208.512	208.343	---	---	---	---	1981
1982	---	---	---	208.380	---	---	208.780	208.814	208.675	208.548	208.251	---	---	1982
1983	---	207.889	207.787	207.675	208.293	208.404	208.735	208.922	208.748	208.583	208.301	208.185	---	1983
MEAN	208.540	208.085	208.181	207.789	208.758	208.675	209.058	208.994	208.675	208.781	208.588	208.358	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 54 55 N
LONG 111 10 30 W

REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS - STATION NO. 07NA007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	---	---	1980
1975	---	---	---	1975
1976	---	208.742 ON AUG 28	208.075 ON APR 9	1976
1977	---	208.884 ON JUN 18	---	1977
1978	---	208.312 ON SEP 8	208.233 ON APR 20	1978
1979	---	208.884A ON JUL 13 *	208.042 ON APR 28	1979
1980	---	208.821 ON MAY 24	---	1980
1981	---	---	---	1981
1982	---	208.114 ON AUG 3	---	1982
1983	---	208.057 ON AUG 11	207.556 ON APR 19 *	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS - STATION NO. 07NA008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	208.595	---	---	---	---	---	---	1980
1980	---	---	---	---	---	207.105	208.811	208.473	208.735	---	---	---	---	1980
1981	---	---	---	---	---	207.577	208.578	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	207.388	207.059	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	207.177	---	---	---	---	1983
MEAN	---	---	---	---	---	207.341	207.794	208.930	208.880	---	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 58 55 35 N
LONG 111 12 15 W

REGULATED SINCE 1967

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS - STATION NO. 07NA008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	---	---	1980
1980	---	207.730 ON JUN 13 *	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIBIB LAKE NEAR NORTH COOKING LAKE - STATION NO. 05EB005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	738.585	---	---	---	---	---	---	---	---	1920
MEAN	---	---	---	---	738.585	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO RECLAMATION SERVICE OF CANADA DATUM

LOCATION - LAT 53 24 29 N
LONG 112 57 50 W

DRAINAGE AREA, 8.45 km²

SOUTH HEART RESERVOIR NEAR MCLENNAN - STATION NO. 07BF008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	4.013	4.001	3.928	3.765	3.632	3.388	---	---	---	1981
1982	---	---	---	---	3.630	3.631	3.538	3.586	3.636	3.511	---	---	---	1982
1983	---	---	3.943	3.583	3.600	3.603	3.978	4.530	4.158	4.045	---	---	---	1983
MEAN	---	---	3.943	3.583	3.748	3.745	3.815	3.950	3.742	3.648	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 822.058 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 41 00 N
LONG 118 38 50 W

DRAINAGE AREA, 2 090 km²
REGULATED

SOUTH HEART RESERVOIR NEAR MCLENNAN - STATION NO. 07BF008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	---	---	1981
1982	---	3.687 ON MAY 17	---	1982
1983	---	4.891 ON AUG 3 *	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 822.058 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH WABASCA LAKE NEAR DESMARAIS - STATION NO. 07JA002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	0.595	---	---	---	---	---	---	---	---	1973
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	0.286	0.829	0.767	---	---	---	---	---	1976
1977	---	---	---	---	0.493	0.818	0.801	0.772	0.593	0.515	---	---	---	1977
1978	---	---	---	---	0.614	0.787	0.703	0.493	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	0.438	---	---	---	1979
1982	---	---	---	---	0.455	0.406	0.395	0.653	0.594	0.483	---	---	---	1982
1983	---	---	---	---	0.292	0.350	0.955	---	1.350	0.904	---	---	---	1983
MEAN	---	---	---	---	0.490	0.525	0.697	0.668	0.848	0.580	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 55 56 23 N
LONG 113 48 15 W

SOUTH WABASCA LAKE NEAR DESMARAIS - STATION NO. 07JA002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1973	---	---	---	1973
1975	---	1.448 ON JUL 23 *	---	1975
1976	---	0.805 ON SEP 8	---	1976
1977	---	0.883 ON AUG 2	---	1977
1978	---	0.884 ON SEP 25	---	1978
1979	---	---	---	1979
1982	---	0.688A ON AUG 27	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPRAY RESERVOIR AT THREE SISTERS DAM - STATION NO. 05BC006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	---	---	1682.810	---	---	---	1948
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	1695.09	1693.09	1690.85	1688.19	---	---	---	---	1701.30	1700.42	1698.78	1697.12	---	1953
1954	1693.85	1691.95	1689.88	1688.01	1686.75	1690.83	1698.61	1701.89	1698.91	1697.85	1696.57	1695.41	---	1954
1955	1696.46	1694.40	1691.87	1689.43	1687.18	1689.09	1695.28	1695.30	1698.13	1698.28	1697.48	1695.98	1694.89	1955
1956	1694.18	1692.18	1689.52	1687.11	---	1693.30	1697.75	1699.84	1698.84	1697.94	1697.08	1696.47	---	1956
1957	1695.99	1695.18	1694.34	1693.37	---	1698.89	1701.41	1701.61	1701.22	1700.21	1699.32	1698.07	---	1957
1958	1696.28	1694.27	1691.83	1688.48	---	1692.28	1695.70	1696.92	1696.32	1695.31	1693.98	1692.34	---	1958
1959	1690.49	1688.03	1687.81	1686.30	---	1691.07	1697.15	1698.97	1700.42	1701.32	1701.10	1698.74	---	1959
1960	1687.49	1685.05	1683.04	1681.41	1680.40	1682.78	1686.18	1700.83	1701.84	1701.25	1700.81	1698.45	1686.86	1960
1961	1687.87	1685.85	1683.98	1682.22	1681.04	1687.44	1700.38	1701.87	1701.65	1701.18	1700.24	1698.14	1687.84	1961
1962	1685.90	1683.08	1686.09	1685.82	1686.83	1688.74	1692.20	1693.82	1693.33	1693.04	1681.81	1680.68	1680.88	1962
1963	1689.28	1686.27	1687.54	1687.01	1687.84	1691.44	1696.02	1697.13	1696.08	1695.24	1694.97	1693.33	1692.02	1963
1964	1691.77	1690.28	1688.55	1686.47	1685.55	1691.56	1698.22	1700.80	1700.85	---	---	---	---	1964
1965	---	---	---	1680.81	1680.30	1683.87	1689.20	1700.89	1701.48	1701.42	1700.07	1698.45	---	1965
1966	1695.85	1692.89	1689.89	1687.81	---	1694.31	1698.53	1700.85	1700.48	1699.89	1699.02	1697.48	---	1966
1967	1695.81	1693.16	1690.72	1687.74	1685.77	1690.86	1698.06	1699.89	1699.36	1698.76	1698.01	1696.08	1694.52	1967
1968	1693.07	1690.04	1688.35	1687.26	1687.68	1691.85	1696.53	1698.98	1698.68	1697.46	1696.21	1695.80	1693.51	1968
1969	1693.81	1691.35	1689.54	1688.97	1690.83	1695.09	1698.84	1699.26	1699.32	1698.41	1698.08	1697.14	1696.07	1969
1970	1695.40	1693.82	---	1691.41	1690.84	1694.53	1698.48	1697.80	1697.20	1696.15	1694.31	1691.71	---	1970
1971	1688.43	1686.21	1687.73	1686.88	1687.98	1694.81	1698.78	1700.58	1700.11	1699.41	1698.21	1696.84	1694.23	1971
1972	1695.08	1693.33	1692.35	1691.78	1691.42	1697.78	1700.82	1700.73	1700.28	1699.86	1699.03	1697.89	1696.87	1972
1973	1697.84	1696.50	1693.88	1691.48	1690.92	1694.35	1697.31	1698.78	1698.78	1700.02	1699.27	1697.99	1696.46	1973
1974	1696.08	1693.90	1692.21	1690.05	1688.08	1690.18	1698.78	1700.68	1700.77	1700.87	1700.58	1699.31	1695.98	1974
1975	1697.80	1695.86	1694.22	1692.86	1692.12	1693.27	1698.75	1698.14	1699.68	1699.78	1699.24	1697.38	1696.51	1975
1976	1694.85	1692.62	1690.24	1688.44	1686.35	1690.21	1693.70	1696.54	1698.54	1698.90	1697.74	1696.84	1693.93	1976
1977	1695.34	1692.54	1690.54	1689.60	1688.38	1692.77	1696.98	1698.12	1699.46	1698.73	1698.35	1696.45	1695.12	1977
1978	1697.53R	1695.70R	1693.58R	1691.08R	1690.29R	1694.13R	1699.20R	1701.08R	1701.84R	1701.46 R	1700.68R	1699.38R	1697.18R	1978
1979	1697.18	1693.44	1688.87	1685.73	1685.36	1689.83	1693.86	1695.54	1696.42	1696.86	1696.51	1696.18	1692.98	1979
1980	1695.27	1694.02	1693.15	1692.42	1694.63	1698.68	1700.19	1700.67	1701.15	1701.51	1701.03	1699.82	1697.77	1980
1981	1696.03	1695.61	1693.08	1690.17	1689.14	1691.62	1693.84	1694.31	1692.05	1692.50	1693.28	1693.46	1693.07	1981
1982	1691.14	1688.74	1687.88	1687.04	1687.82	1692.70	1698.19	1698.78	1700.87	1701.02	1699.80	1698.07	1694.43	1982
1983	1695.50	1692.84	1690.97	1688.37	1686.99	1693.40	1697.63	1699.33	1698.98	1698.80	1698.07	1697.78	1695.42	1983
MEAN	1694.98R	1692.88R	1690.83R	1689.19R	1688.95R	1693.07R	1697.57R	1699.18R	1699.34R	1697.807R	1698.12R	1696.81R	1695.01R	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 59 00 N
LONG 115 22 00 W

REGULATED

DATA CONTRIBUTED BY - TRANSALTA UTILITIES CORPORATION

R - REVISED SINCE JAN 1980

SPRAY RESERVOIR AT THREE SISTERS DAM - STATION NO. 05BC006

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1948	---	---	---	1948
1951	---	---	---	1951
1952	---	1701.82 ON OCT 21	1687.31 ON MAY 7	1952
1953	---	1701.70 ON AUG 11	1692.13 ON MAY 11	1953
1954	---	1699.17 ON AUG 27	1688.09 ON MAY 14	1954
		1701.88 ON AUG 23 *	1685.09 ON MAY 18	
1955	---	1699.50 ON AUG 29	1685.46 ON MAY 31	1955
1956	---	1699.72 ON AUG 12	1685.13 ON MAY 16	1956
1957	---	1701.70 ON JUL 19	1692.77 ON APR 25	1957
1958	---	1697.22 ON JAN 1	1685.85 ON MAY 14	1958
1959	---	1701.42 ON OCT 26	1685.39 ON MAY 13	1959
1960	---	1701.70 ON SEP 27	1690.24 ON MAY 6	1960
1961	---	1701.88 ON AUG 21	1690.21 ON MAY 19	1961
1962	---	1697.00 ON JAN 1	1685.36 ON MAY 10	1962
1963	---	1697.34 ON AUG 5	1686.95 ON APR 4	1963
1964	---	1701.33 ON OCT 27	1685.18 ON MAY 18	1964
1965	---	1701.73 ON OCT 8	1690.12 ON APR 27	1965
1966	---	1700.88 ON AUG 21	1688.88 E ON MAY 4	1966
1967	---	1699.87 ON AUG 14	1685.27 ON MAY 16	1967
1968	---	1699.47 ON SEP 4	1687.19 ON APR 18	1968
1969	---	1699.80 ON SEP 10	1688.77 ON APR 3	1969
1970	---	1699.02 ON JUL 18	1690.24 ON MAY 18	1970
1971	---	1701.00 ON JUL 28	1688.78 ON APR 3	1971
1972	---	1700.88 ON AUG 11	1690.79 ON MAY 12	1972
1973	---	1700.11 ON SEP 30	1690.33 ON MAY 14	1973
1974	---	1700.87 ON NOV 2	1687.40 ON JUN 8	1974
1975	---	1699.84 ON OCT 18	1692.01 ON MAY 13	1975
1976	---	1699.08 ON OCT 10	1687.31 ON MAY 6	1976
1977	---	1699.81 ON OCT 18	1688.98 ON APR 27	1977
1978	---	1701.78 R ON SEP 4	1689.84 R ON MAY 3	1978
1979	---	1698.47 ON JAN 1	1684.96 E ON MAY 10 *	1979
1980	---	1701.58 ON OCT 7	1692.25 ON APR 28	1980
1981	---	1699.08 ON JAN 1	1688.28 ON MAY 20	1981
1982	---	1701.18 ON OCT 2	1688.69 ON APR 23	1982
1983	---	1700.17 ON SEP 28	1688.63 ON MAY 7	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ST. MARY RESERVOIR NEAR SPRING COULEE - STATION NO. 05AE025

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	1099.08	1092.71	1087.09	1088.01	1078.09	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	1101.878	1101.624	1101.936	1101.382	1100.301	1098.190	1099.308	1098.185	1100.130	---	1962
1963	---	1101.317	1101.784	---	1100.527	---	---	---	1098.395	1098.221	---	---	---	1963
1964	1098.139	1099.485	---	1100.638	1100.735	1101.822	1102.708	---	1097.357	1098.889	1100.704	1100.788	---	1964
1965	1100.72	1100.81	1100.91	1100.84	1100.88	1101.19	1102.73	1102.24	1101.88	1100.75	1101.28	1101.39	1101.30	1965
1966	1101.30	1101.25	1101.36	1101.45	1101.62	1101.97	1102.83	1101.68	1101.12	1099.83	1099.84	1100.34	1101.20	1966
1967	1100.81	1100.67	1100.87	1100.34	1100.30	1100.38	1101.79	1100.98	1098.81	1095.12	1095.33	1096.58	1098.38	1967
1968	1097.84	1098.75	1098.91	1100.87	1101.33	1102.28	1102.71	1101.85	1100.75	1100.25	1098.80	---	---	1968
1969	---	1098.157	1098.872	1099.832	1100.854	1101.905	1102.408	1099.887	1097.048	1097.413	1098.258	1098.424	---	1969
1970	1098.843	1098.934	1099.271	1099.912	1099.839	1101.972	1102.200	1100.440	---	---	1097.894	1097.841	---	1970
1971	1097.338	1097.871	1098.743	1099.222	1100.801	1101.718	1102.748	1101.910	1101.157	1099.881	1098.979	1099.923	1100.131	1971
1972	1099.878	1099.908	1100.848	1100.414	1100.141	1100.848	1102.084	1100.373	1097.888	1097.907	1099.445	1099.490	1099.883	1972
1973	1099.581	1099.581	1099.842	1099.933	1100.826	1102.432	1102.271	1100.848	1098.148	1098.285	1098.341	1097.534	1099.429	1973
1974	1098.200	1099.208	1099.582	1100.528	---	---	1102.547	1101.353	1098.883	1097.028	1097.878	1098.214	---	1974
1975	1098.445	1098.575	1098.880	1099.503	1101.553	1101.813	1101.778	1101.010	---	1097.880	1098.372	1100.307	---	1975
1976	1100.281	1100.177	1100.178	1100.923	1101.849	1101.822	1102.345	1100.848	1098.433	1097.284	1098.304	1098.253	1099.893	1976
1977	1098.219	1098.188	1098.205	1098.851	1097.748	1098.148	1098.743	1081.418	1083.555	1098.101	1098.807	1097.371	1098.208	1977
1978	1097.872	1098.182	1098.728	1099.533	1101.216	1102.101	1103.007	1102.832	1101.807	1099.870	1099.123	1099.234	1100.272	1978
1979	1099.430	1099.495	1100.114	1100.398	1101.140	1101.377	1101.880	1100.335	1100.267	1098.902	1098.302	1098.421	1099.312	1979
1980	1098.802	1098.783	1098.118	1097.178	1101.437	1102.383	1100.816	1097.857	1097.117	1098.723	1097.067	1097.555	1097.978	1980
1981	1097.868	1098.825	1099.629	1101.208	1102.308	1102.081	1102.172	1102.113	1100.834	1099.059	1099.835	1098.590	1100.434	1981
1982	1099.458	1099.433	1099.727	1100.447	1100.398	1101.893	1102.831	1102.397	1102.438	1102.435	1101.848	1101.820	1101.263	1982
1983	1101.725	1101.895	1101.784	1100.250	1099.820	1101.830	1102.885	1101.985	1099.191	1097.088	1097.097	1097.098	1100.199	1983
MEAN	1098.939	1099.245	1099.841	1100.097	1100.801	1101.805	1101.880	1100.224	1098.710	1097.828	1097.432	1098.770	1099.764	MEAN

WATER LEVELS REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.024 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 48 21 48 N DRAINAGE AREA, 2 290 km²
LONG 113 05 58 W REGULATED

ST. MARY RESERVOIR NEAR SPRING COULEE - STATION NO. 05AE025

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	1099.63 ON JUL 11	---	1951
1952	---	1098.62 ON JUN 14	---	1952
1953	---	1103.370 ON JUL 13	---	1953
1954	1103.071 AT 1800 MST ON JUL 20	---	---	1954
1955	---	1103.348 ON JUN 27	1094.232 ON JAN 5	1955
1956	---	1102.874 ON JUL 3	1094.289 ON DEC 8	1956
1957	---	1102.789 ON JUN 12	---	1957
1958	---	1103.373 ON JUN 24 *	1095.378 ON OCT 27	1958
1959	---	1103.080 ON JUL 20	---	1959
1960	---	1103.010 ON JUL 4	1092.784 ON OCT 23	1960
1961	---	1103.135 ON JUN 24	---	1961
1962	1102.184 AT 1100 MST ON APR 28	1102.181 ON APR 28	1098.824 ON NOV 11	1962
1963	---	1103.071 ON JUL 5	1097.944 ON OCT 24	1963
1964	---	1103.036 ON JUL 9	1097.256 ON SEP 25	1964
1965	---	1103.01 ON JUL 22	1100.20 ON OCT 13	1965
1966	---	1103.25 ON JUL 8	1099.35 ON OCT 20	1966
1967	---	1102.18 ON JUL 10	1094.14 ON OCT 19	1967
1968	---	1103.01 ON JUL 9	1095.55 ON DEC 8	1968
1969	1102.971 AT 1930 MST ON JUN 29	1102.966 ON JUN 29	1098.619 ON SEP 25	1969
1970	1103.196 AT 1800 MST ON JUN 27 *	1103.190 ON JUN 27	1097.389 ON OCT 5	1970
1971	1103.025 AT 1400 MST ON JUL 6	1102.974 ON JUL 6	1097.234 ON JAN 27	1971
1972	1102.699 AT 1930 MST ON JUL 23	1102.684 ON JUL 23	1097.469 ON OCT 17	1972
1973	1103.041 AT 1800 MST ON JUN 28	1103.019 ON JUN 28	1095.805 ON OCT 27	1973
1974	1102.788 AT 2240 MST ON JUL 14	1102.748 ON JUL 9	1098.219 ON OCT 17	1974
1975	1102.678 AT 2130 MST ON JUN 20	1102.675 ON JUN 20	1097.704 ON OCT 26	1975
1976	1102.863 AT 1500 MST ON JUL 16	1102.848 ON JUL 17	1096.231 ON DEC 10	1976
1977	1099.388 AT 3025 MST ON JUN 13	1099.377 ON JUN 14	1091.138 ON AUG 23 *	1977
1978	1103.172 AT 1845 MST ON JUL 21	1103.160 ON JUL 21	1097.831 ON JAN 1	1978
1979	1101.892 AT 1550 MST ON JUL 16	1101.887 ON JUL 10	1095.088 ON OCT 23	1979
1980	1102.838 AT 1707 MST ON MAY 26	1102.782 ON MAY 27	1095.581 ON JAN 9	1980
1981	1103.133 AT 0745 MST ON MAY 23	1103.109 ON MAY 23	1097.878 ON JAN 8	1981
1982	1102.888 AT 1500 MST ON JUL 13	1102.878 ON JUL 13	1098.401 ON JAN 22	1982
1983	1103.066 AT 1735 MST ON JUL 21	1103.055 ON JUL 21	1096.881 ON OCT 11	1983

WATER LEVELS REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.024 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEELE LAKE NEAR JARVIE - STATION NO. 07BC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	858.853	858.783	858.731	---	---	---	1972
1973	---	---	---	---	---	858.951	858.882	858.737	---	---	---	---	---	1973
1974	---	---	---	---	---	858.801	858.853	858.579	858.372	858.280	---	---	---	1974
1975	---	---	---	---	858.438	858.570	858.583	858.987	858.883	858.900	---	---	---	1975
1976	---	---	---	---	---	---	858.838	858.818	858.838	858.826	---	---	---	1976
1977	---	---	---	---	---	857.097	858.898	858.985	---	858.844	---	---	---	1977
1978	---	---	---	---	858.910	858.987	858.945	858.893	857.117	857.084	---	---	---	1978
1979	---	---	---	---	---	857.058	857.138	857.018	858.877	858.828	---	---	---	1979
1980	---	---	---	---	858.484	858.478	858.878	858.884	---	---	---	---	---	1980
1981	---	---	---	---	858.918	858.913	857.084	857.141	857.097	857.078	---	---	---	1981
1982	---	---	---	---	857.101	858.914	858.928	857.188	---	---	---	---	---	1982
MEAN	---	---	---	---	858.770	858.842	858.900	858.884	858.870	858.815	---	---	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 64 38 50 N DRAINAGE AREA, 285 km²
LONG 113 47 45 W NATURAL FLOW

STEELE LAKE NEAR JARVIE - STATION NO. 07BC005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	857.030 ON SEP 6	---	1975
1976	---	858.890 ON APR 28	858.783 ON AUG 12 *	1976
1977	---	857.182 ON JUN 6	---	1977
1978	---	857.237 ON SEP 21 *	---	1978
1979	---	857.171 ON JUL 17	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON LAKE AT WILLIAMSON PARK - STATION NO. 07GH003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	877.308	877.055	---	---	---	---	---	1972
1973	---	---	---	---	877.114	877.078	876.988	876.885	876.824	876.802	---	---	---	1973
1974	---	---	---	---	---	---	---	---	876.872	---	---	---	---	1974
1975	---	---	---	---	---	876.880	876.882	---	---	---	---	---	---	1975
1976	---	---	---	---	---	877.071	877.222	877.210	877.247	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	876.840	876.847	876.831	876.882	---	---	---	---	---	1980
1981	---	---	---	---	877.033	876.936	876.829	876.745	876.615	876.553	---	---	---	1981
1983	---	---	---	---	---	876.810	---	---	---	---	---	---	---	1983
MEAN	---	---	---	---	877.029	876.955	877.009	876.951	876.890	876.676	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 08 00 N DRAINAGE AREA, 842 km²
LONG 117 33 30 W NATURAL FLOW

STURGEON LAKE AT WILLIAMSON PARK - STATION NO. 07GH003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	877.338 ON AUG 30	---	1976
1977	---	877.536 ON JUN 7	---	1977
1978	---	877.133 ON MAY 31	---	1978
1979	---	877.723 ON JUN 28 *	---	1979
1980	---	876.869 ON JUN 27	---	1980
1981	---	---	---	1981
1983	---	---	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

UPPER KANANASKIS LAKE - STATION NO. 05BF005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1932	---	---	---	---	---	---	---	---	---	---	---	1882.802	---	1932
1933	---	---	---	---	---	1881.044	---	---	---	---	---	---	---	1933
1934	---	---	---	---	---	---	---	---	---	---	---	---	---	1934
1935	---	---	---	---	---	---	---	---	1886.736	---	---	---	---	1935
1936	---	---	---	---	---	---	---	---	---	---	---	---	--	1936
1940	---	---	---	---	---	---	---	---	---	---	---	---	---	1940
1942	---	---	---	---	---	---	1889.830	1894.837	1897.524	1898.854	1898.757	---	---	1942
1943	1895.040	---	---	---	---	---	---	---	---	---	---	---	---	1943
1947	---	---	---	---	---	---	---	---	---	---	---	---	---	1947
1948	---	---	---	---	---	---	---	---	---	---	---	---	---	1948
1949	---	---	---	---	---	---	---	---	---	---	---	---	---	1949
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	---	---	---	--	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	1892.06	1890.03	1890.12	1890.29	1891.31	1895.03	1899.09	---	1701.48	1700.54	1897.63	1894.92	---	1959
1970	1891.52	1890.13	1890.18	1890.14	1890.35	1893.56	1898.33	1700.85	1700.85	1898.30	1896.34	1892.78	1894.55	1970
1971	1889.88	1888.15	1888.23	1888.45	1888.28	1893.21	---	1700.35	1701.23	1700.94	1898.47	1897.24	---	1971
1974	1893.91	1889.73	1888.75	1888.94	1889.48	1892.01	1897.59	1700.80	1700.92	1700.90	1700.84	1897.12	1895.13	1974
1975	1892.67	1888.38	1888.81	1888.81	1889.25	1891.32	1898.01	1700.02	1701.52	1701.63	1701.26	1898.38	1894.98	1975
1976	1894.33	1889.91	1888.87	1889.05	1889.98	1892.37	1898.12	1700.01	1700.85	1700.63	1700.05	1897.46	1895.01	1976
1977	1893.80	1890.42	1888.03	1889.08	1889.76	1891.98	1895.13	1898.40	1700.83	1701.33	1899.53	1895.50	1894.59	1977
1978	1892.46	1890.77	1890.03	1888.84	1890.26	1892.82	1897.52	1700.75	1701.88	1701.44	1898.89	1898.77	1895.37	1978
1979	1893.57	1890.43	1888.95	1888.86	1888.98	1891.88	1895.31	1898.54	1700.18	1898.42	1897.45	1894.89	1894.01	1979
1980	1892.64	1890.78	1888.90	1888.97	1887.34	1891.84	1895.87	1898.80	1700.84	1898.82	1896.98	1893.28	1893.48	1980
1981	1889.30	1888.53	1888.58	1888.73	1888.84	1893.37	1897.83	1700.78	1701.17	1700.21	1897.33	1893.73	1894.11	1981
1982	1890.75	1888.20	1886.14	1885.45	1885.83	1888.81	1894.03	1897.58	1700.05	1700.48	1898.24	1896.03	1892.74	1982
1983	1892.20	1889.31	1888.85	1888.86	1889.05	1892.13	1896.08	1898.58	1700.20	1898.81	1896.86	1893.78	1893.78	1983
MEAN	1892.424	1889.87	1888.88	1888.72	1889.27	1891.489	1896.018	1898.320	1699.713	1700.251	1898.893	1894.547	1894.34	MEAN

WATER LEVELS REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 37 00 N
LONG 115 07 00 W

DRAINAGE AREA, 151 km²
REGULATED

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

UPPER KANANASKIS LAKE - STATION NO. 05BF005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1932	---	1883.484 ON JUN 18	---	1932
1933	---	1884.827 ON NOV 28	1880.512 ON JUN 13	1933
1934	---	1883.490 ON AUG 3	1879.927 ON MAR 26	1934
1935	---	1887.859 ON OCT 8	1879.893 ON MAR 24	1935
1936	---	1887.858 ON OCT 15	---	1936
1940	---	1886.367 ON OCT 25	---	1940
1942	---	1898.034 ON OCT 24	1879.710 ON APR 25 *	1942
1943	---	---	---	1943
1947	---	1701.708 ON OCT 26	---	1947
1948	---	1701.898 ON OCT 12	---	1948
1949	---	1898.259 ON OCT 25	---	1949
1953	---	1701.473 ON NOV 5	---	1953
1954	---	1701.804 ON SEP 30	---	1954
1955	---	1701.820 ON NOV 5	1885.437 ON APR 5	1955
1956	---	1701.788 ON SEP 17	---	1956
1957	---	1700.327 ON OCT 7	---	1957
1958	---	1701.881 ON SEP 15 *	---	1958
1959	---	1701.55 ON SEP 5	1888.72 ON FEB 7	1959
1970	---	1701.24 ON SEP 4	1890.02 ON APR 21	1970
1971	---	1701.55 ON SEP 27	1888.01 ON FEB 4	1971
1974	---	1701.21 ON NOV 12	1886.85 ON FEB 18	1974
1975	---	1701.78 ON OCT 5	1886.62 ON FEB 21	1975
1976	---	1701.03 ON OCT 8	1886.62 ON FEB 22	1976
1977	---	1701.67 ON OCT 15	1886.67 ON MAR 9	1977
1978	---	1701.76 ON SEP 8	1888.76 ON APR 25	1978
1979	---	1700.81 ON SEP 10	1886.62 ON APR 27	1979
1980	---	1701.06 ON SEP 24	1886.46 ON MAY 11	1980
1981	1701.42 ON SEP 18 *	1701.42 ON SEP 18	1886.44 ON FEB 11	1981
1982	---	1700.72 ON OCT 3	1885.42 ON APR 10	1982
1983	---	1700.46 ON SEP 8	1886.59 ON MAR 9	1983

WATER LEVELS REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

UTIKUMA LAKE NEAR NIPISI - STATION NO. 07JA001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1981	---	---	---	---	---	30.071	29.953	29.859	29.749	29.738	---	---	---	1981
MEAN	---	---	---	---	---	30.071	29.953	29.859	29.749	29.738	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 55 51 36 N DRAINAGE AREA, 2 470 km²
LONG 115 18 27 W NATURAL FLOW

UTIKUMA LAKE NEAR NIPISI - STATION NO. 07JA001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	30.282 ON MAY 30 *	---	1978
1981	---	---	---	1981

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION PARK LAKE NEAR VERMILION - STATION NO. 05EE008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	575.850	575.841	---	---	---	1983
MEAN	---	---	---	---	---	---	---	---	575.850	575.841	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 21 40 N
LONG 110 51 24 W

WABAMUN LAKE AT WABAMUN - STATION NO. 05DE002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	723.523	723.388	723.209	723.087	722.975	---	---	---	1927
1928	---	---	---	---	723.113	723.092	---	---	---	---	---	---	---	1928

ABOVE WATER LEVELS REFERRED TO CANADIAN NATIONAL RAILWAYS DATUM

1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979

ABOVE WATER LEVELS REFERRED TO CANADIAN NATIONAL RAILWAYS DATUM

LOCATION - LAT 53 33 24 N DRAINAGE AREA, 355 km²
LONG 114 29 28 W REGULATED

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

WABAMUN LAKE AT WABAMUN - STATION NO. 05DE002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1927	---	---	---	1927
1928	---	---	---	1928

ABOVE WATER LEVELS REFERRED TO CANADIAN NATIONAL RAILWAYS DATUM

1975	---	723.129 ON JUN 30	722.884 ON DEC 6	1975
1976	---	723.188 ON OCT 2	---	1976
1979	---	723.345 ON JUL 30	---	1979

ABOVE WATER LEVELS REFERRED TO CANADIAN NATIONAL RAILWAYS DATUM

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

WATERTON LAKE (LOWER) NEAR WATERTON PARK - STATION NO. 05AD015

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	28.830	---	---	---	---	---	---	1929
1930	---	---	---	---	---	29.224	28.824	28.732	28.717	---	---	---	---	1930
MEAN	---	---	---	---	---	29.224	28.827	28.732	28.717	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 49 07 00 N DRAINAGE AREA, 514 km²
LONG 113 50 00 W

WATERTON LAKE AT WATERTON PARK - STATION NO. 05AD025

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	1278.98	1279.57	1279.01	1278.41	1278.53	1278.60	1278.61	1278.26	---	1958
1960	---	---	---	1278.51	1278.80	1279.38	1278.84	1278.38	1278.20	1278.11	1278.18	1278.17	---	1960
1961	1278.09	1278.18	1278.21	1278.37	1279.04	1278.84	1278.67	1278.35	1278.27	1278.43	1278.28	---	---	1961
1962	---	---	---	---	1278.98	1279.32	---	---	---	1278.263	1278.288	---	---	1962
1963	1278.202	1278.269	1278.216	1278.300	---	---	1278.826	1278.312	---	---	---	---	---	1963
1964	---	---	---	---	1278.956	1279.792	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	1279.834	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	1278.267	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	1279.050	1278.848	---	1278.574	1278.487	---	---	---	1977
1978	---	---	---	---	1278.243	1279.514	1279.150	1278.715	1278.755	1278.647	---	---	---	1978
1979	---	---	---	---	---	1279.363	---	---	---	---	---	---	---	1979
1980	---	---	---	---	1278.521	1279.345	1278.786	1278.610	1278.852	1278.583	1278.851	---	---	1980
1981	---	---	---	---	1278.457	1279.328	1279.087	1278.651	---	---	---	---	---	1981
1982	---	---	---	---	1278.072	1279.624	1278.145	1278.633	1278.437	1278.445	---	---	---	1982
1983	---	---	---	---	1279.087	1279.257	1279.025	1278.588	1278.389	1278.333	---	---	---	1983
MEAN	1278.148	1278.215	1278.213	1278.383	1278.112	1279.443	1278.919	1278.515	1278.490	1278.422	1278.361	1278.22	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 03 12 N DRAINAGE AREA, 401 km²
LONG 113 54 18 W

WATERTON LAKE AT WATERTON PARK - STATION NO. 05AD025

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	1279.91 ON JUN 8	---	1958
1960	---	1279.54 ON JUN 4	---	1960
1961	---	1279.84 ON MAY 28	---	1961
1962	---	1279.480 ON MAY 28	---	1962
1963	---	1279.76 ON JUN 11	---	1963
1964	1282.220E AT 0200 MST ON JUN 9 *	1281.988E ON JUN 9 *	---	1964
1965	---	1279.916 ON JUN 18	---	1965
1966	---	1279.59 ON MAY 31	---	1966
1967	---	1280.040 ON MAY 23	---	1967
1968	---	1279.794 ON JUN 5	---	1968
1969	---	1279.962 ON JUN 6	---	1969
1970	---	1280.236 ON JUN 14	---	1970
1971	---	1279.941 ON MAY 29	---	1971
1972	---	1280.221 ON JUN 2	---	1972
1973	---	1279.765 ON JUN 10	---	1973
1974	---	1280.227 ON JUN 18	---	1974
1975	1281.057 AT 1200 MST ON JUN 20	1281.449 ON JUN 20	1278.057 ON APR 5 *	1975
1976	---	1279.825 ON MAY 12	1278.212 ON MAR 21	1976
1977	---	1279.337 ON JUN 9	---	1977
1978	---	1279.934 ON JUN 8	---	1978
1979	---	1279.810 ON MAY 27	1278.301 ON NOV 21	1979
1980	---	1280.180 ON MAY 27	---	1980
1981	---	1280.180 ON MAY 23	---	1981
1982	---	1279.820 ON JUN 16	---	1982
1983	---	1279.780 ON MAY 30	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WATERTON RESERVOIR - STATION NO. 05AD026

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	1180.885	1180.438	1180.058	1180.042	1180.074	1179.638	1177.788	---	1985
1986	---	1178.694	1178.198	1179.186	1180.380	---	1180.291	1180.020	1179.983	1179.820	1179.946	1179.913	---	1986
1987	1179.660	1179.691	1179.692	1179.845	1180.528	1180.916	1180.287	1179.985	1180.833	1180.778	1180.632	1178.921	1180.248	1987
1988	1179.615	1179.939	1179.975	1180.081	1181.176	1181.388	1182.322	1181.801	1181.533	1182.482	1179.882	1178.985	1180.548	1988
1989	---	---	---	---	1179.571	1180.288	1181.027	1182.831	1184.473	1180.485	1179.202	1179.886	1179.852	---	1989
1970	1179.847	1179.860	---	1179.928	1180.558	1183.850	1184.627	1181.143	1180.328	1180.488	1180.030	1179.900	---	1970
1971	1179.887	1179.925	---	1180.041	1180.882	---	1184.801	---	1180.787	1180.881	---	---	---	1971
1972	---	1179.885	1180.071	1180.116	1180.809	1180.885	---	---	1183.384	1183.183	1180.033	1178.888	---	1972
1973	1179.891	1179.883	1179.880	1180.104	1181.588	1184.200	1183.842	1180.388	1178.901	1178.903	1179.726	1178.928	1180.812	1973
1974	1179.870	1179.934	1179.928	1180.059	1180.470	1181.085	1183.904	1184.348	1183.110	1181.371	1179.392	1179.883	1181.132	1974
1975	1179.838	1179.842	1179.811	1179.887	1180.514	---	1182.972	1184.485	1184.184	1183.484	1180.781	1180.082	---	1975
1976	1179.883	1179.824	1180.024	1180.418	1181.828	1182.881	1183.881	1183.883	1183.782	1180.823	1179.890	1179.848	1181.438	1976
1977	1179.833	---	---	1180.849	1179.884	1177.885	1175.957	---	1173.873	1171.887	---	1174.350	---	1977
1978	1178.832	1178.338	1177.267	1180.234	1182.293	1182.478	1183.811	1183.708	1182.811	1180.708	1178.949	1179.885	1180.431	1978
1979	1178.830	1178.826	1179.920	1180.031	1180.977	1181.488	1182.683	1179.771	1179.045	1178.391	1178.803	1178.284	1179.328	1979
1980	1177.050	1177.484	1178.187	1179.887	1184.488	1184.332	1184.881	1184.434	1183.808	1183.084	1180.172	1179.887	1181.485	1980
1981	1180.000	1179.237	1178.882	1180.128	1183.872	1183.788	1183.838	1182.895	1180.884	1178.474	1179.896	1171.732	1179.581	1981
1982	1172.210	1172.707	1173.898	1178.484	1177.481	1181.340	1184.107	1183.284	1180.324	1178.448	1178.883	1179.877	1178.380	1982
1983	1178.883	1178.888	1178.855	1178.308	1178.734	1183.488	1183.194	1182.083	1179.780	1178.888	1178.708	1178.872	1180.488	1983
MEAN	1178.808	1178.883	1178.925	1178.382	1180.934	1182.013	1182.831	1182.307	1180.940	1178.810	1179.181	1174.808	1180.332	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 19 18 N DRAINAGE AREA, 1 270 km²
LONG 113 40 52 W REGULATED SINCE 1985

WATERTON RESERVOIR - STATION NO. 05AD026

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1985	---	1181.498 ON JUN 17	---	1985
1986	---	1181.271 ON JUN 4	1178.873 ON MAR 11	1986
1987	---	1181.301 ON NOV 14	1178.491 ON AUG 10	1987
1988	---	1182.778 ON JUL 13	1173.541 ON DEC 31	1988
1989	---	1184.791 ON AUG 18	---	1989
1970	1185.128 AT 1500 MST ON JUL 18	1185.093 ON JUL 15	1178.814 ON JAN 14	1970
1971	1185.095 AT 2000 MST ON JUL 17	1185.081 ON JUL 17	1179.771 ON FEB 23	1971
1972	1184.782 AT 1900 MST ON AUG 29	1184.778 ON AUG 28	1179.832 ON DEC 4	1972
1973	1184.878 AT 1700 MST ON JUL 10	1184.857 ON JUL 10	1178.781 ON SEP 26	1973
1974	1184.883 AT 1700 MST ON AUG 14	1184.857 ON AUG 14	1178.858 ON OCT 29	1974
1975	1185.208 AT 1200 MST ON JUL 30	1185.181 ON JUL 30	1179.780 ON APR 5	1975
1976	1184.348 AT 2300 MST ON AUG 8	1184.337 ON AUG 9	1179.832 ON DEC 23	1976
1977	1181.580 AT 1510 MST ON APR 25	1181.538 ON APR 25	1171.352 ON OCT 20	1977
1978	1184.428 AT 1710 MST ON JUL 22	1184.422 ON JUL 22	1178.158 ON JAN 1	1978
1979	1183.288 AT 1820 MST ON JUL 8	1183.287 ON JUL 7	1178.884 ON OCT 22	1979
1980	1185.278 AT 0855 MST ON MAY 23 *	1185.268 ON MAY 23 *	1178.788 ON JAN 1	1980
1981	1184.783 AT 1350 MST ON MAY 23	1184.758 ON MAY 23	1170.804 ON NOV 8 *	1981
1982	1184.740 AT 2128 MST ON JUL 29	1184.735 ON JUL 30	1172.057 ON JAN 1	1982
1983	1184.195 AT 1128 MST ON JUN 21	1184.189 ON JUN 21	1178.189 ON MAY 8	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINAGAMI LAKE AT SPILLWAY GATES - STATION NO. 07BF006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	821.840	---	---	821.830	821.838	---	---	---	---	1977
1978	---	---	---	---	821.723	821.616	821.633	821.803	821.882	821.898	---	---	---	1978
1979	---	---	---	---	822.021	821.928	821.880	---	---	---	---	---	---	1979
1980	---	---	---	---	821.508	821.508	821.438	821.401	821.401	821.445	---	---	---	1980
1981	---	---	---	---	821.835	821.821	821.684	821.481	821.438	821.487	---	---	---	1981
MEAN	---	---	---	---	821.744	821.888	821.834	821.501	821.507	821.837	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 38 00 N DRAINAGE AREA, 2 350 km²
LONG 118 44 00 W REGULATED

WINAGAMI LAKE AT SPILLWAY GATES - STATION NO. 07BF006

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	---	821.978 ON SEP 18 *	821.698 ON JUN 20 *	1976
1977	---	821.935 ON MAY 24	---	1977
1978	---	821.901 ON MAY 3	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAME	STATION NO.	PAGE
ATHABASCA RIVER ABOVE FLETCHER CHANNEL	07DD010	1
ATHABASCA RIVER ABOVE JACKFISH CREEK	07DD007	1
ATHABASCA RIVER AT MCMURRAY	07EC002	2
ATHABASCA RIVER AT SHOTT ISLAND	07DA004	2
ATHABASCA RIVER NEAR FORT MACKAY	07DA003	2
ATHABASCA RIVER NEAR OLD FORT	07DD011	2
BAPTISTE LAKE NEAR ATHABASCA	07EE002	3
BARIL LAKE AT CENTRE OF LAKE	07KF005	3
BARRIER LAKE NEAR SEEBE	05BF024	4
BEAR LAKE NEAR CLAIRMONT	07GE004	4
BEAVER LAKE AT RANGER STATION	08AA003	5
BEAVERHILL LAKE NEAR MUNDARE	05EB003	5
BERRY CREEK RESERVOIR NEAR SUNNYNOOK	05CH014	5
BIGELOW RESERVOIR NEAR WIMBORNE	05CE901	6
BRAZEAU RESERVOIR	05DD005	6
BUFFALO LAKE NEAR ERSKINE	05ED005	7
CALLING LAKE AT RANGER STATION	07CB001	7
CAYAN LAKE NEAR DUNMORE	08AH048	8
CHAIN LAKES RESERVOIR NEAR NANTON	05AB037	8
CHENAL DES QUATRE FOURCHES ABOVE PEACE RIVER	07KF004	9
CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES	07KF001	9
CHIP LAKE AT OUTLET TO LOBSTICK RIVER	07EB005	9
CLEAR LAKE NEAR STAVELY	05AC032	10
CLEARWATER RIVER AT UPPER WINDAM	07CD003	10
CLEARWATER RIVER BELOW WATERWAYS	07CD002	10
COAL LAKE RESERVOIR NEAR WETASKIWIN	05FA018	11
COLD LAKE AT COLD LAKE	05AF003	13
COOKING LAKE AT COOKING LAKE	05EB012	13
COOKING LAKE NEAR NORTH COOKING LAKE	05EB007	13
CYGNET LAKE NEAR SYLVAN LAKE	05CC901	13
DICKSON RESERVOIR NEAR DICKSON	05CB005	13
DRIEDMEAT LAKE AT OUTFLOW	05FA020	13
EAGLENEST LAKE NEAR THE OUTLET	07DA022	14
ELKWATER LAKE	05AH025	14
ETHEL LAKE NEAR COLD LAKE	05AC004	15
FAWCETT LAKE NEAR SMITH	07BK005	15
FORSTER RESERVOIR NEAR CESSFORD	05CH013	16
GHOST LAKE NEAR COCHRANE	05BE005	16
GLENMORE RESERVOIR AT CALGARY	05BJ004	17
GREGOIRE LAKE NEAR FORT MCMURRAY	07CE001	17
HASTINGS LAKE NEAR DEVILLE	05EB011	18
HASTINGS LAKE NEAR NORTH COOKING LAKE	05EB004	18
ISLE LAKE AT EUREKA BEACH	05EA004	18
LAC LA BICHE AT LAC LA BICHE	07CA004	19
LAC LA NONNE AT LAC LA NONNE	07BB007	19
LAC STE. ANNE AT ALBERTA BEACH	05EA005	20
LAKE ABRAHAM NEAR NORDEGG	05DC005	20
LAKE ATHABASCA AT BUSTARD ISLAND	07MD002	21
LAKE ATHABASCA AT FORT CHIPEWYAN	07MD001	22
LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER	07KF002	23
LAKE MCGREGOR AT SOUTH DAM	05AC033	23
LAKE MINNEWANKA NEAR BANFF	05BD003	24
LAKE SHERBURNE	05AE038	26
LESSER SLAVE LAKE AT DOG ISLAND	07BJ005	27
LESSER SLAVE LAKE AT FAUST	07BJ002	28
LESSER SLAVE LAKE AT SAWRIDGE	07BK010	29
LESSER SLAVE LAKE AT SLAVE LAKE	07BJ006	29
LOWER KANANASKIS LAKE	05BF009	30
MAMAWI LAKE CHANNEL AT OLD DOG CAMP	07KF003	31
MARIE LAKE NEAR COLD LAKE	05AC005	31
MILK RIVER AT HIGHWAY NO. 880	11AA036	31
MILK RIVER RIDGE RESERVOIR	05AF030	32
MINISTIK LAKE NEAR NEW SAREPTA	05EE013	32
MIQUELON LAKE AT PROVINCIAL PARK	05EB014	33
MOORE LAKE NEAR COLD LAKE	05AC003	33
MURIEL LAKE AT BURNEYVILLE	05AC007	33
NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE	05DE004	34
PADDLE RIVER AT HIGHWAY NO. 754	07BB013	34
PADDLE RIVER NEAR SANGUDO	07BB012	34
PAKOWKI LAKE NEAR STZIKOM	05AF020	35
PEACE RIVER AT FORT VERMILION	07MF001	35
PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES	07KC005	36
PIGEON LAKE AT GRANDVIEW	05FA013	36
PRIMROSE LAKE AT R.C.A.F. TESTING STATION	06AF003	37
RED DEER RIVER AT FORESTRY ROAD	05CA005	37
RED DEER RIVER AT SUNDRE	05CA010	37
RIDSTONE LAKE NEAR HEATH	05FB002	38
RICHARDSON LAKE AT THE OUTLET	07DD006	38
RIVIERE DES ROCHERS ABOVE REVILLON COUPE	07NA003	38
RIVIERE DES ROCHERS ABOVE SLAVE RIVER	07NA001	39
RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS	07NA007	40
RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS	07NA008	40
SISIB LAKE NEAR NORTH COOKING LAKE	05EB005	40
SOUTH HEART RESERVOIR NEAR MCLENNAN	07BF005	41
SOUTH WABASCA LAKE NEAR DESMARAIS	07JA002	41
SPRAY RESERVOIR AT THREE SISTERS DAM	05BE004	42
ST. MARY RESERVOIR NEAR SPRING COULEE	05AE025	43
STEELE LAKE NEAR JARVIE	07BC005	44
STURGEON LAKE AT WILLIAMSON PARK	07EH003	44
UPPER KANANASKIS LAKE	05BF005	45
UTIKUMA LAKE NEAR NIPISI	07JA001	46
VERMILION PARK LAKE NEAR VERMILION	05EE004	46
WABAMUN LAKE AT WABAMUN	05DE002	46
WATERTON LAKE (LOWER) NEAR WATERTON PARK	05AB018	47
WATERTON LAKE AT WATERTON PARK	05AB025	47
WATERTON RESERVOIR	05AB028	48
WINAGAMI LAKE AT SPILLWAY GATES	07BF004	48

STATION NO.	NAME	PAGE
05AB037	CHAIN LAKES RESERVOIR NEAR NANTON	8
05AC022	LAKE MCGREGOR AT SOUTH DAM	23
05AC032	CLEAR LAKE NEAR STAVELY	10
05AD015	WATERTON LAKE (LOWER) NEAR WATERTON PARK	47
05AD025	WATERTON LAKE AT WATERTON PARK	47
05AD028	WATERTON RESERVOIR	48
05AE025	ST. MARY RESERVOIR NEAR SPRING COULEE	43
05AE038	LAKE SHERBURNE	26
05AF020	PAKOWKI LAKE NEAR ETZIKOM	35
05AF030	MILK RIVER RIDGE RESERVOIR	32
05AH025	ELKWATER LAKE	14
05AH048	CAYAN LAKE NEAR DUNMORE	8
05BC006	SPRAY RESERVOIR AT THREE SISTERS DAM	42
05BD003	LAKE MINNEWANKA NEAR BANFF	24
05BE005	GHOST LAKE NEAR COCHRANE	16
05BF005	UPPER KANANASKIS LAKE	45
05BF009	LOWER KANANASKIS LAKE	30
05BF024	BARRIER LAKE NEAR SEEBE	4
05BJ008	GLENMORE RESERVOIR AT CALGARY	17
05CA008	RED DEER RIVER AT FORESTRY ROAD	37
05CA010	RED DEER RIVER AT SUNDRE	37
05CB008	DICKSON RESERVOIR NEAR DICKSON	13
05CC801	CYGNET LAKE NEAR SYLVAN LAKE	13
05CD005	BUFFALO LAKE NEAR ERSKINE	7
05CE801	BIGELOW RESERVOIR NEAR WIMBORNE	6
05CH013	FORSTER RESERVOIR NEAR CESSFORD	16
05CH014	BERRY CREEK RESERVOIR NEAR SUNNYNOOK	5
05DC009	LAKE ABRAHAM NEAR NORDEGG	20
05DD006	BRAZEAU RESERVOIR	8
05DE002	WABAMUN LAKE AT WABAMUN	46
05DE006	NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE	34
05EA006	LAC STE. ANNE AT ALBERTA BEACH	20
05EA008	ISLE LAKE AT EUREKA BEACH	18
05EB003	BEAVERHILL LAKE NEAR MUNDARE	5
05EB004	HASTINGS LAKE NEAR NORTH COOKING LAKE	18
05EB005	SISIB LAKE NEAR NORTH COOKING LAKE	40
05EB007	COOKING LAKE NEAR NORTH COOKING LAKE	13
05EB011	HASTINGS LAKE NEAR DEVILLE	18
05EB012	COOKING LAKE AT COOKING LAKE	12
05EB013	MINISTIK LAKE NEAR NEW SAREPTA	32
05EB014	MIQUELON LAKE AT PROVINCIAL PARK	33
05EE008	VERMILION PARK LAKE NEAR VERMILION	46
05FA013	PIGEON LAKE AT GRANDVIEW	38
05FA018	COAL LAKE RESERVOIR NEAR WETASKIWIN	11
05FA020	DRIEDMEAT LAKE AT OUTFLOW	13
05FD002	RIBSTONE LAKE NEAR HEATH	38
06AA003	BEAVER LAKE AT RANGER STATION	5
06AC002	MOORE LAKE NEAR COLD LAKE	33
06AC004	ETHEL LAKE NEAR COLD LAKE	15
06AC005	MARIE LAKE NEAR COLD LAKE	31
06AC007	MURIEL LAKE AT GURNEYVILLE	33
06AF002	COLD LAKE AT COLD LAKE	12
06AF003	PRIMROSE LAKE AT R.C.A.F. TESTING STATION	37
07BB007	LAC LA NONNE AT LAC LA NONNE	19
07BB008	CHIP LAKE AT OUTLET TO LOBSTICK RIVER	9
07BB012	PADDLE RIVER NEAR SANGUDO	34
07BB013	PADDLE RIVER AT HIGHWAY NO. 754	34
07BC005	STEELE LAKE NEAR JARVIE	44
07BE002	BAPTISTE LAKE NEAR ATHABASCA	3
07BF006	WINAGAMI LAKE AT SPILLWAY GATES	46
07BF008	SOUTH HEART RESERVOIR NEAR MCLENNAN	41
07BJ002	LESSER SLAVE LAKE AT FAUST	26
07BJ006	LESSER SLAVE LAKE AT DOG ISLAND	27
07BJ008	LESSER SLAVE LAKE AT SLAVE LAKE	29
07BK008	FAWCETT LAKE NEAR SMITH	15
07BK010	LESSER SLAVE LAKE AT SAWRIDGE	29
07CA004	LAC LA BICHE AT LAC LA BICHE	19
07CB001	CALLING LAKE AT RANGER STATION	7
07CC002	ATHABASCA RIVER AT MCMURRAY	2
07CD002	CLEARWATER RIVER BELOW WATERWAYS	10
07CD003	CLEARWATER RIVER AT UPPER WINGDAM	10
07CE001	GREGOIRE LAKE NEAR FORT MCMURRAY	17
07DA003	ATHABASCA RIVER NEAR FORT MACKAY	2
07DA004	ATHABASCA RIVER AT SHOTT ISLAND	2
07DA022	EAGLENEST LAKE NEAR THE OUTLET	14
07DD007	ATHABASCA RIVER ABOVE JACKFISH CREEK	1
07DD008	RICHARDSON LAKE AT THE OUTLET	38
07DD010	ATHABASCA RIVER ABOVE FLETCHER CHANNEL	1
07DD011	ATHABASCA RIVER NEAR OLD FORT	2
07EE004	BEAR LAKE NEAR CLAIRMONT	4
07GH003	STURGEON LAKE AT WILLIAMSON PARK	44
07HF001	PEACE RIVER AT FORT VERMILION	35
07JA001	UTIKUMA LAKE NEAR NIPISI	46
07JA002	SOUTH WABASCA LAKE NEAR DESMARAIS	41
07KC008	PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES	36
07KF001	CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES	9
07KF002	LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER	23
07KF003	MAMAWI LAKE CHANNEL AT OLD DOG CAMP	31
07KF004	CHENAL DES QUATRE FOURCHES ABOVE PEACE RIVER	9
07KF005	BARIL LAKE AT CENTRE OF LAKE	3
07MD001	LAKE ATHABASCA AT FORT CHIPEWYAN	22
07MD002	LAKE ATHABASCA AT BUSTARD ISLAND	21
07NA001	RIVIERE DES ROCHERS ABOVE SLAVE RIVER	39
07NA003	RIVIERE DES ROCHERS ABOVE REVILLON COUPE	39
07NA007	RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS	40
07NA008	RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS	40
11AA038	MILK RIVER AT HIGHWAY NO. 880	31

POOR

QUALITY

ORIGINAL